## The kantlipsum package Dummy text in Kantian style<sup>\*</sup>

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## 1 Introduction

The kantlipsum package is modeled after lipsum and offers pretty similar functionality, but instead of pseudolatin utterances, it typesets paragraphs of nonsense in Kantian style produced by the *Kant generator for Python* by Mark Pilgrim, found in *Dive into Python*.

It has at least one advantage over lipsum: the text is in English and so finding good hyphenation points should be less problematic. On the contrary, the paragraphs are rather long, as it's common in philosophical prose.

## 2 Example

As any dedicated reader can clearly see, the Ideal of practical reason is a representation of, as far as I know, the things in themselves; as I have shown elsewhere, the phenomena should only be used as a canon for our understanding. The paralogisms of practical reason are what first give rise to the architectonic of practical reason. As will easily be shown in the next section, reason would thereby be made to contradict, in view of these considerations, the Ideal of practical reason, yet the manifold depends on the phenomena. Necessity depends on, when thus treated as the practical employment of the never-ending regress in the series of empirical conditions, time. Human reason depends on our sense perceptions, by means of analytic unity. There can be no doubt that the objects in space and time are what first give rise to human reason.

Let us suppose that the noumena have nothing to do with necessity, since knowledge of the Categories is a posteriori. Hume tells us that the transcendental unity of apperception can not take account of the discipline of natural reason, by means of analytic unity. As is proven in the ontological manuals, it is obvious that the transcendental unity of apperception proves the validity of the Antinomies; what we have alone been able to show is that, our understanding depends on the Categories. It remains a mystery why the Ideal stands in need of reason. It must not be supposed that our faculties have lying before them, in the case of the Ideal, the Antinomies; so, the transcendental aesthetic is just as necessary as our experience. By means of the Ideal, our sense perceptions are by their very nature contradictory.

<sup>\*</sup>This file describes version v0.7, last revised 2017/11/16.

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As is shown in the writings of Aristotle, the things in themselves (and it remains a mystery why this is the case) are a representation of time. Our concepts have lying before them the paralogisms of natural reason, but our a posteriori concepts have lying before them the practical employment of our experience. Because of our necessary ignorance of the conditions, the paralogisms would thereby be made to contradict, indeed, space; for these reasons, the Transcendental Deduction has lying before it our sense perceptions. (Our a posteriori knowledge can never furnish a true and demonstrated science, because, like time, it depends on analytic principles.) So, it must not be supposed that our experience depends on, so, our sense perceptions, by means of analysis. Space constitutes the whole content for our sense perceptions, and time occupies part of the sphere of the Ideal concerning the existence of the objects in space and time in general.

## **3** Options

The package has four document options, the first two of which are alternative to each other:

- par | nopar With the default par all pieces of text will be ended by a \par command; specifying
  par is optional; the option nopar will not add this \par at the end of each fragment
  of Kantian prose.
  - numbers Each piece of Kantian prose will be preceded by its number (such as in "1 As any dedicated reader can clearly see..."), which can be useful for better control of what is produced.
    - index Each paragraph will generate an index entry; a \makeindex command will be needed, with a suitable package for making the index, and \printindex for printing it. However the index entry may be off by one, since the \index command is issued at the beginning of the paragraph. Also there is no guarantee that the indexed word really belongs to the paragraph.

## 4 Commands

The commands provided by the package are:

- \kant This command takes an optional argument which can be of the form [42] (that is, only one integer) or [3-14] (that is, two integers separated by a hyphen); as in lipsum, \kant[42], \kant[3-14] and \kant will produce the 42nd pseudokantian paragraph, the paragraphs from the 3rd to the 14th, and those from the 1st to the 7th, respectively.
- **\kant\*** The same as before, see later for the difference.
- \kantdef This command takes two arguments, a control sequence and an integer; the call
   \kantdef{\mytext}{164} will store in \mytext the 164th paragraph of pseudokan tian text provided by this package.

What's the difference between \kant and \kant\*? The normal version will respect the given package option; that is, if par is in force, \kant[1-2] will produce *two* paragraphs, while \kant\*[1-2] will only produce a big chunk of text without issuing any \par command. The logic is reversed if the nopar option has been given. By the way, 164 is the number of available pieces; if one exceeds the limit, nothing will be printed. Thus \kant[164-200] will print only *one* paragraph. However, printing all paragraphs with the standard ten point size Computer Modern font and the article class fills more than fifty pages, so it seems that the supply of text can be sufficient.

#### Note

This package is just an exercise for practicing with  $\[ATEX3\]$  syntax. It uses the "experimental" packages made available by the  $\[ATEX3\]$  team. Many thanks to Joseph Wright and Bruno Le Floch for suggesting improvements.

#### Changes from version 0.1

There's no user level change; the implementation has been modified in some places (in particular a sequence is used to store the phrases, rather than many token lists).

#### Changes from version 0.5

Some changes in I<sup>A</sup>T<sub>E</sub>X3 introduced some misfeatures, which this version corrects. Some kernel function names were also changed; here \prg\_stepwise\_function:nnnN that became \int\_step\_function:nnnN. Some functions have been made protected.

The most striking change is the possibility to generate an index: each paragraph indexes one of its words or phrases.

#### Changes from version 0.6

Maintenance release with new functions from expl3. Now a kernel released on 2017/11/14 or later is required.

## 5 kantlipsum implementation

```
1 (*package)
2 (@@=kgl)
3 \ProvidesExplPackage
    {kantlipsum}
    {2017/11/16}
5
    {0.7}
6
    {Generate text in Kantian style}
  A check to make sure that expl3 is not too old
  \@ifpackagelater { expl3 } { 2017/11/14 }
8
    { }
9
10
    {
      \PackageError { kantlipsum } { Support~package~expl3~too~old }
        {
          You~need~to~update~your~installation~of~the~bundles~
13
          '13kernel'~and~'13packages'.\MessageBreak
14
          Loading~kantlipsum~will~abort!
15
        3
16
      \tex_endinput:D
17
    }
18
```

#### 5.1 Package options and required packages

We declare the allowed options and choose by default par. We also need to declare a function \@@\_number:n that is set by the numbers option; its default action is to gobble its argument.

```
19 \DeclareOption { par }
20
    ſ
     \cs_set_protected:Nn \__kgl_star: { \c_space_tl }
21
     \cs_set_protected:Nn \__kgl_nostar: { \par }
22
    }
23
24
  \DeclareOption{ nopar }
25
26
    {
     \cs_set_protected:Nn \__kgl_star: { \par }
27
     \cs_set_protected:Nn \__kgl_nostar: { \c_space_tl }
28
    }
29
30
  \DeclareOption{ numbers }
31
    { \cs_set_protected:Nn \__kgl_number:n { #1\nobreak\enspace } }
32
33
34 \bool_new:N \g_kgl_makeindex_bool
35 \bool_gset_false:N \g_kgl_makeindex_bool
  \DeclareOption{ index }
36
    { \bool_gset_true:N \g__kgl_makeindex_bool }
37
39 \cs_new_eq:NN \__kgl_number:n \use_none:n
40 \ExecuteOptions{par}
41 \ProcessOptions \scan_stop:
```

#### 5.2 Messages

We define two messages.

```
42 \msg_new:nnn {kantlipsum}{how-many}
43 {The~package~provides~paragraphs~1~to~#1.~
44 Values~outside~this~range~will~be~ignored.}
45 \msg_new:nnnn {kantlipsum}{already-defined}
46 {Control~sequence~#1~already~defined.}
47 {The~control~sequence~#1~is~already~defined,~
48 I'll~ignore~it}
```

## 5.3 Variables and constants

The  $1_00_start_int$  variable will contain the starting number for processing, while  $1_00_end_int$  the ending number. The  $g_00_pars_seq$  sequence will contain the pseudokantian sentences and  $g_00_words_seq$  that contains the words to index.

- 49 \int\_new:N \l\_\_kgl\_start\_int
- 50 \int\_new:N \l\_kgl\_end\_int
- 51 \seq\_new:N \g\_kgl\_pars\_seq
- 52 \seq\_new:N \g\_kgl\_words\_seq

#### 5.4 User level commands

There are two user level commands, \kant (with a \*-variant) and \kantdef.

```
\kant
```

The (optional) argument is described as before. We use the \SplitArgument feature provided by xparse to decide whether the 'range form' has been specified. In the \kant\* form we reverse the logic.

```
53 \NewDocumentCommand{\kant}{s>{\SplitArgument{1}{-}}0{1-7}}
54
    ł
     \group_begin:
55
     IfBooleanTF{#1}
56
       { \cs_set_eq:NN \__kgl_par: \__kgl_star: }
57
       { \cs_set_eq:NN \__kgl_par: \__kgl_nostar: }
58
     \__kgl_process:nn #2
59
     \__kgl_print:
60
     \group_end:
61
    }
62
```

\kantdef

Sometimes one needs just a piece of text without implicit \par attached, so we provide \kantdef. In a group we neutralize the meaning of \@@\_number:n and \@@\_par: and define the control sequence given as first argument to the pseudokantian sentence being the *k*th element of the sequence containing them, where *k* is the number given as second argument. If the control sequence is already defined we issue an error and don't perform the definition.

```
63 \NewDocumentCommand{\kantdef}{mm}
64
    ſ
65
     \group_begin:
     \cs_set_eq:NN \__kgl_number:n \use_none:n
66
     \cs_set_eq:NN \__kgl_par: \prg_do_nothing:
67
     \cs_if_exist:NTF #1
68
       ł
69
         \msg_error:nnn {kantlipsum} {already-defined} {#1}
70
       }
71
72
       {
73
         \tl_set:Nx \l_tmpa_tl { \seq_item:Nn \g_kgl_pars_seq {#2} }
74
         \cs_new:Npx #1 { \l_tmpa_tl }
       3
75
76
     \group_end:
    }
```

#### 5.5 Internal functions

#### \\_\_kgl\_process:nn

The function  $\c_process:nn$  sets the temporary variables  $\l_c_start_int$  and  $\l_c_end_int$ . If the optional argument to  $\kant$  is missing they are already set to 1 and 7 respectively; otherwise the argument has been split into its components; if the argument was [m] we set both variables to m, otherwise it was in the form [m-n] and we do the obvious action.

78 \cs\_new\_protected:Nn \\_\_kgl\_process:nn
79 {
80 \int\_set:Nn \l\_\_kgl\_start\_int {#1}
81 \tl\_if\_novalue:nTF {#2}
82 { \int\_set:Nn \l\_\_kgl\_end\_int {#1} }
83 { \int\_set:Nn \l\_\_kgl\_end\_int {#2} }
84 }

# \\_\_kgl\_print: \\_\_kgl\_use:n

The printing routine is in the function  $\QQ\_print:$ ; we start a loop printing item number x in the sequence  $\g_QQ\_pars\_seq$  for all numbers x in the specified range. The function  $\QQ\_use:n$  function is a wrapper to be used with  $\int\_step\_function:nnnN:$  it's passed a number as argument, builds the constant name corresponding to it and produces the text. If the index entry is to be issued, the appropriate element from  $\g_QQ\_words\_seq$  is used; the page reference might not be correct, though.

```
\cs_new_protected:Nn \__kgl_print:
85
86
    Ł
     \int_step_function:nnnN
87
       {\l_kgl_start_int} {1} {\l_kgl_end_int} \_kgl_use:n
88
    }
89
90
  \cs_new:Nn \__kgl_use:n
91
   {
    \int_compare:nNnF { #1 } > { \seq_count:N \g_kgl_pars_seq }
92
     { \ \ kgl_number:n \ \#1} }
93
    \bool_if:NT \g_kgl_makeindex_bool
94
      ſ
95
       \use:x { \exp_not:N \index{ \seq_item:Nn \g_kgl_words_seq {#1} } }
96
97
      }
98
    \seq_item:Nn \g_kgl_pars_seq {#1}
99
   }
```

#### \\_\_kgl\_newpara:n

 $\frac{ara:n}{say}, \langle text \ of \ the \ 42nd \ sentence \rangle \ 00_{pars}:$ 

```
100 \cs_new_protected:Nn \__kgl_newpara:n
101 { \seq_gput_right:Nn \g_kgl_pars_seq {#1\__kgl_par:} }
```

<u>\\_\_kgl\_newword:n</u> The \@@\_newword:n appends a new item to the sequence \g\_@@\_words\_seq consisting of one word from the corresponding paragraph.

```
102 \cs_new_protected:Nn \__kgl_newword:n
```

103 { \seq\_gput\_right:Nn \g\_kgl\_words\_seq {#1} }

#### 5.6 Defining the sentences

We start a group where we set the category code of the space to 10 so as not to be forced to write ~ for spaces.

- 104 \group\_begin:
- 105 \char\_set\_catcode\_space:n {'\ }

Then we provide all of the sentences with the pattern  $co_newpara:n \{\langle text \rangle\}$ 

106 \\_\_kgl\_newpara:n {As any dedicated reader can clearly see, the Ideal of 107 practical reason is a representation of, as far as I know, the things 108 in themselves; as I have shown elsewhere, the phenomena should only be 109 used as a canon for our understanding. The paralogisms of practical 110 reason are what first give rise to the architectonic of practical 111 reason. As will easily be shown in the next section, reason would 112 thereby be made to contradict, in view of these considerations, the 113 Ideal of practical reason, yet the manifold depends on the phenomena. 114 Necessity depends on, when thus treated as the practical employment of 115 the never-ending regress in the series of empirical conditions, time. 116 Human reason depends on our sense perceptions, by means of analytic 117 unity. There can be no doubt that the objects in space and time are 118 what first give rise to human reason.} 119 120 \\_\_kgl\_newpara:n {Let us suppose that the noumena have nothing to do 121 with necessity, since knowledge of the Categories is a 122 posteriori. Hume tells us that the transcendental unity of 123 apperception can not take account of the discipline of natural reason, 124 by means of analytic unity. As is proven in the ontological manuals, 125 it is obvious that the transcendental unity of apperception proves the 126 validity of the Antinomies; what we have alone been able to show is 127 that, our understanding depends on the Categories. It remains a 128 mystery why the Ideal stands in need of reason. It must not be 129 supposed that our faculties have lying before them, in the case of the 130 Ideal, the Antinomies; so, the transcendental aesthetic is just as 131 necessary as our experience. By means of the Ideal, our sense 132 perceptions are by their very nature contradictory.} 134 \\_\_kgl\_newpara:n {As is shown in the writings of Aristotle, the things 135 in themselves (and it remains a mystery why this is the case) are a 136 representation of time. Our concepts have lying before them the 137 paralogisms of natural reason, but our a posteriori concepts have 138 lying before them the practical employment of our experience. Because 139 of our necessary ignorance of the conditions, the paralogisms would 140 thereby be made to contradict, indeed, space; for these reasons, the 141 Transcendental Deduction has lying before it our sense perceptions. 142 (Our a posteriori knowledge can never furnish a true and demonstrated 143 science, because, like time, it depends on analytic principles.) So, 144 it must not be supposed that our experience depends on, so, our sense 145 perceptions, by means of analysis. Space constitutes the whole content 146 for our sense perceptions, and time occupies part of the sphere of the 147 Ideal concerning the existence of the objects in space and time in

- 148 general.}
- 149

 $150 \sum_kgl_newpara:n {As we have already seen, what we have alone been able 151 to show is that the objects in space and time would be falsified; what$ 

we have alone been able to show is that, our judgements are what first give rise to metaphysics. As I have shown elsewhere, Aristotle tells us that the objects in space and time, in the full sense of these terms, would be falsified. Let us suppose that, indeed, our problematic judgements, indeed, can be treated like our concepts. As any dedicated reader can clearly see, our knowledge can be treated like the transcendental unity of apperception, but the phenomena occupy part of the sphere of the manifold concerning the existence of natural causes in general. Whence comes the architectonic of natural reason, the solution of which involves the relation between necessity and the Categories? Natural causes (and it is not at all certain that this is the case) constitute the whole content for the paralogisms. This could not be passed over in a complete system of transcendental philosophy, but in a merely critical essay the simple mention of the fact may suffice.}

167

168 \\_\_kgl\_newpara:n {Therefore, we can deduce that the objects in space and 169 time (and I assert, however, that this is the case) have lying before 170 them the objects in space and time. Because of our necessary ignorance 171 of the conditions, it must not be supposed that, then, formal logic 172 (and what we have alone been able to show is that this is true) is a 173 representation of the never-ending regress in the series of empirical 174 conditions, but the discipline of pure reason, in so far as this 175 expounds the contradictory rules of metaphysics, depends on the 176 Antinomies. By means of analytic unity, our faculties, therefore, can 177 never, as a whole, furnish a true and demonstrated science, because, 178 like the transcendental unity of apperception, they constitute the 179 whole content for a priori principles; for these reasons, our 180 experience is just as necessary as, in accordance with the principles 181 of our a priori knowledge, philosophy. The objects in space and time 182 abstract from all content of knowledge. Has it ever been suggested 183 that it remains a mystery why there is no relation between the 184 Antinomies and the phenomena? It must not be supposed that the 185 Antinomies (and it is not at all certain that this is the case) are 186 the clue to the discovery of philosophy, because of our necessary 187 ignorance of the conditions. As I have shown elsewhere, to avoid all 188 misapprehension, it is necessary to explain that our understanding 189 (and it must not be supposed that this is true) is what first gives 190 rise to the architectonic of pure reason, as is evident upon close 191 examination.}

192

<sup>193</sup> \\_\_kgl\_newpara:n {The things in themselves are what first give rise to <sup>194</sup> reason, as is proven in the ontological manuals. By virtue of natural <sup>195</sup> reason, let us suppose that the transcendental unity of apperception <sup>196</sup> abstracts from all content of knowledge; in view of these <sup>197</sup> considerations, the Ideal of human reason, on the contrary, is the key <sup>198</sup> to understanding pure logic. Let us suppose that, irrespective of all <sup>199</sup> empirical conditions, our understanding stands in need of our <sup>200</sup> disjunctive judgements. As is shown in the writings of Aristotle, pure <sup>201</sup> logic, in the case of the discipline of natural reason, abstracts from <sup>202</sup> all content of knowledge. Our understanding is a representation of, in <sup>203</sup> accordance with the principles of the employment of the paralogisms, <sup>204</sup> time. I assert, as I have shown elsewhere, that our concepts can be <sup>205</sup> treated like metaphysics. By means of the Ideal, it must not be

206 supposed that the objects in space and time are what first give rise 207 to the employment of pure reason.} 208 209 \\_\_kgl\_newpara:n {As is evident upon close examination, to avoid all 210 misapprehension, it is necessary to explain that, on the contrary, the 211 never-ending regress in the series of empirical conditions is a 212 representation of our inductive judgements, yet the things in 213 themselves prove the validity of, on the contrary, the Categories. It 214 remains a mystery why, indeed, the never-ending regress in the series 215 of empirical conditions exists in philosophy, but the employment of 216 the Antinomies, in respect of the intelligible character, can never 217 furnish a true and demonstrated science, because, like the 218 architectonic of pure reason, it is just as necessary as problematic 219 principles. The practical employment of the objects in space and time 220 is by its very nature contradictory, and the thing in itself would 221 thereby be made to contradict the Ideal of practical reason. On the 222 other hand, natural causes can not take account of, consequently, the 223 Antinomies, as will easily be shown in the next section. 224 Consequently, the Ideal of practical reason (and I assert that this is 225 true) excludes the possibility of our sense perceptions. Our 226 experience would thereby be made to contradict, for example, our 227 ideas, but the transcendental objects in space and time (and let us 228 suppose that this is the case) are the clue to the discovery of 229 necessity. But the proof of this is a task from which we can here be 230 absolved.}

232 \\_\_kgl\_newpara:n {Thus, the Antinomies exclude the possibility of, on 233 the other hand, natural causes, as will easily be shown in the next  $_{\rm 234}$  section. Still, the reader should be careful to observe that the 235 phenomena have lying before them the intelligible objects in space and 236 time, because of the relation between the manifold and the noumena. 237 As is evident upon close examination, Aristotle tells us that, in  ${\scriptstyle 238}$  reference to ends, our judgements (and the reader should be careful to  $_{\rm 239}$  observe that this is the case) constitute the whole content of the 240 empirical objects in space and time. Our experience, with the sole 241 exception of necessity, exists in metaphysics; therefore, metaphysics 242 exists in our experience. (It must not be supposed that the thing in 243 itself (and I assert that this is true) may not contradict itself, but 244 it is still possible that it may be in contradictions with the 245 transcendental unity of apperception; certainly, our judgements exist 246 in natural causes.) The reader should be careful to observe that, 247 indeed, the Ideal, on the other hand, can be treated like the noumena, 248 but natural causes would thereby be made to contradict the Antinomies. 249 The transcendental unity of apperception constitutes the whole content 250 for the noumena, by means of analytic unity.} 251

252 \\_\_kgl\_newpara:n {In all theoretical sciences, the paralogisms of human reason would be falsified, as is proven in the ontological manuals. 254 The architectonic of human reason is what first gives rise to the 255 Categories. As any dedicated reader can clearly see, the paralogisms 256 should only be used as a canon for our experience. What we have alone 257 been able to show is that, that is to say, our sense perceptions 258 constitute a body of demonstrated doctrine, and some of this body must 259 be known a posteriori. Human reason occupies part of the sphere of  $_{\rm 260}$  our experience concerning the existence of the phenomena in general.}  $_{\rm 261}$ 

262 \\_\_kgl\_newpara:n {By virtue of natural reason, our ampliative judgements 263 would thereby be made to contradict, in all theoretical sciences, the 264 pure employment of the discipline of human reason. Because of our 265 necessary ignorance of the conditions, Hume tells us that the 266 transcendental aesthetic constitutes the whole content for, still, the 267 Ideal. By means of analytic unity, our sense perceptions, even as 268 this relates to philosophy, abstract from all content of knowledge. 269 With the sole exception of necessity, the reader should be careful to 270 observe that our sense perceptions exclude the possibility of the 271 never-ending regress in the series of empirical conditions, since 272 knowledge of natural causes is a posteriori. Let us suppose that the 273 Ideal occupies part of the sphere of our knowledge concerning the 274 existence of the phenomena in general.}

275

276 \\_\_kgl\_newpara:n {By virtue of natural reason, what we have alone been 277 able to show is that, in so far as this expounds the universal rules 278 of our a posteriori concepts, the architectonic of natural reason can 279 be treated like the architectonic of practical reason. Thus, our 280 speculative judgements can not take account of the Ideal, since none 281 of the Categories are speculative. With the sole exception of the 282 Ideal, it is not at all certain that the transcendental objects in 283 space and time prove the validity of, for example, the noumena, as is 284 shown in the writings of Aristotle. As we have already seen, our 285 experience is the clue to the discovery of the Antinomies; in the 284 study of pure logic, our knowledge is just as necessary as, thus, 285 space. By virtue of practical reason, the noumena, still, stand in 286 need to the pure employment of the things in themselves.}

290 \\_\_kgl\_newpara:n {The reader should be careful to observe that the 291 objects in space and time are the clue to the discovery of, certainly, 292 our a priori knowledge, by means of analytic unity. Our faculties 293 abstract from all content of knowledge; for these reasons, the 294 discipline of human reason stands in need of the transcendental 295 aesthetic. There can be no doubt that, insomuch as the Ideal relies 296 on our a posteriori concepts, philosophy, when thus treated as the 297 things in themselves, exists in our hypothetical judgements, yet our a 298 posteriori concepts are what first give rise to the phenomena. 299 Philosophy (and I assert that this is true) excludes the possibility 300 of the never-ending regress in the series of empirical conditions, as 301 will easily be shown in the next section. Still, is it true that the 302 transcendental aesthetic can not take account of the objects in space 303 and time, or is the real question whether the phenomena should only be 304 used as a canon for the never-ending regress in the series of 305 empirical conditions? By means of analytic unity, the Transcendental 306 Deduction, still, is the mere result of the power of the 307 Transcendental Deduction, a blind but indispensable function of the 308 soul, but our faculties abstract from all content of a posteriori 309 knowledge. It remains a mystery why, then, the discipline of human 310 reason, in other words, is what first gives rise to the transcendental 311 aesthetic, yet our faculties have lying before them the architectonic 312 of human reason.}

313

<sup>314</sup> \\_\_kgl\_newpara:n {However, we can deduce that our experience (and it <sup>315</sup> must not be supposed that this is true) stands in need of our <sup>316</sup> experience, as we have already seen. On the other hand, it is not at <sup>317</sup> all certain that necessity is a representation of, by means of the <sup>318</sup> practical employment of the paralogisms of practical reason, the <sup>319</sup> noumena. In all theoretical sciences, our faculties are what first <sup>320</sup> give rise to natural causes. To avoid all misapprehension, it is <sup>321</sup> necessary to explain that our ideas can never, as a whole, furnish a <sup>322</sup> true and demonstrated science, because, like the Ideal of natural <sup>323</sup> reason, they stand in need to inductive principles, as is shown in the <sup>324</sup> writings of Galileo. As I have elsewhere shown, natural causes, in <sup>325</sup> respect of the intelligible character, exist in the objects in space <sup>326</sup> and time.}

<sup>328</sup> \\_\_kgl\_newpara:n {Our ideas, in the case of the Ideal of pure reason, <sup>329</sup> are by their very nature contradictory. The objects in space and time <sup>330</sup> can not take account of our understanding, and philosophy excludes the <sup>331</sup> possibility of, certainly, space. I assert that our ideas, by means <sup>332</sup> of philosophy, constitute a body of demonstrated doctrine, and all of <sup>333</sup> this body must be known a posteriori, by means of analysis. It must <sup>334</sup> not be supposed that space is by its very nature contradictory. Space <sup>335</sup> would thereby be made to contradict, in the case of the manifold, the <sup>336</sup> manifold. As is proven in the ontological manuals, Aristotle tells us <sup>337</sup> that, in accordance with the principles of the discipline of human <sup>338</sup> reason, the never-ending regress in the series of empirical conditions <sup>340</sup> has lying before it our experience. This could not be passed over in <sup>341</sup> a complete system of transcendental philosophy, but in a merely <sup>342</sup>

<sup>343</sup> \\_\_kgl\_newpara:n {Since knowledge of our faculties is a posteriori, pure <sup>344</sup> logic teaches us nothing whatsoever regarding the content of, indeed, <sup>345</sup> the architectonic of human reason. As we have already seen, we can <sup>346</sup> deduce that, irrespective of all empirical conditions, the Ideal of <sup>347</sup> human reason is what first gives rise to, indeed, natural causes, yet <sup>348</sup> the thing in itself can never furnish a true and demonstrated science, <sup>349</sup> because, like necessity, it is the clue to the discovery of <sup>350</sup> disjunctive principles. On the other hand, the manifold depends on <sup>361</sup> the paralogisms. Our faculties exclude the possibility of, insomuch <sup>362</sup> as philosophy relies on natural causes, the discipline of natural <sup>363</sup> reason. In all theoretical sciences, what we have alone been able to <sup>364</sup> show is that the objects in space and time exclude the possibility of <sup>365</sup> our judgements, as will easily be shown in the next section. This is <sup>366</sup> what chiefly concerns us.}

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<sup>356</sup> \\_\_kgl\_newpara:n {Time (and let us suppose that this is true) is the <sup>359</sup> clue to the discovery of the Categories, as we have already seen. <sup>360</sup> Since knowledge of our faculties is a priori, to avoid all <sup>361</sup> misapprehension, it is necessary to explain that the empirical objects <sup>362</sup> in space and time can not take account of, in the case of the Ideal of <sup>363</sup> natural reason, the manifold. It must not be supposed that pure <sup>364</sup> reason stands in need of, certainly, our sense perceptions. On the <sup>365</sup> other hand, our ampliative judgements would thereby be made to <sup>366</sup> contradict, in the full sense of these terms, our hypothetical <sup>367</sup> judgements. I assert, still, that philosophy is a representation of,

368 however, formal logic; in the case of the manifold, the objects in 369 space and time can be treated like the paralogisms of natural reason. 370 This is what chiefly concerns us.} 371 372 \\_\_kgl\_newpara:n {Because of the relation between pure logic and natural 373 causes, to avoid all misapprehension, it is necessary to explain that, 374 even as this relates to the thing in itself, pure reason constitutes 375 the whole content for our concepts, but the Ideal of practical reason 376 may not contradict itself, but it is still possible that it may be in  $_{\rm 377}$  contradictions with, then, natural reason. It remains a mystery why 378 natural causes would thereby be made to contradict the noumena; by 379 means of our understanding, the Categories are just as necessary as 380 our concepts. The Ideal, irrespective of all empirical conditions, 381 depends on the Categories, as is shown in the writings of Aristotle. 382 It is obvious that our ideas (and there can be no doubt that this is 383 the case) constitute the whole content of practical reason. The 384 Antinomies have nothing to do with the objects in space and time, yet 385 general logic, in respect of the intelligible character, has nothing 386 to do with our judgements. In my present remarks I am referring to 387 the transcendental aesthetic only in so far as it is founded on 388 analytic principles.} 389 390 \\_\_kgl\_newpara:n {With the sole exception of our a priori knowledge, our 391 faculties have nothing to do with our faculties. Pure reason (and we 392 can deduce that this is true) would thereby be made to contradict the 393 phenomena. As we have already seen, let us suppose that the 394 transcendental aesthetic can thereby determine in its totality the 395 objects in space and time. We can deduce that, that is to say, our 396 experience is a representation of the paralogisms, and our 397 hypothetical judgements constitute the whole content of our concepts. 398 However, it is obvious that time can be treated like our a priori 399 knowledge, by means of analytic unity. Philosophy has nothing to do 400 with natural causes.} 401 402 \\_\_kgl\_newpara:n {By means of analysis, our faculties stand in need to, 403 indeed, the empirical objects in space and time. The objects in space 404 and time, for these reasons, have nothing to do with our 405 understanding. There can be no doubt that the noumena can not take 406 account of the objects in space and time; consequently, the Ideal of 407 natural reason has lying before it the noumena. By means of analysis, 408 the Ideal of human reason is what first gives rise to, therefore, 409 space, yet our sense perceptions exist in the discipline of practical 410 reason.} 411 412 \\_kgl\_newpara:n {The Ideal can not take account of, so far as I know, 413 our faculties. As we have already seen, the objects in space and time 414 are what first give rise to the never-ending regress in the series of 415 empirical conditions; for these reasons, our a posteriori concepts 416 have nothing to do with the paralogisms of pure reason. As we have 417 already seen, metaphysics, by means of the Ideal, occupies part of the 418 sphere of our experience concerning the existence of the objects in 419 space and time in general, yet time excludes the possibility of our 420 sense perceptions. I assert, thus, that our faculties would thereby 421 be made to contradict, indeed, our knowledge. Natural causes, so

422 regarded, exist in our judgements.}

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424 \\_\_kgl\_newpara:n {The never-ending regress in the series of empirical 425 conditions may not contradict itself, but it is still possible that it 426 may be in contradictions with, then, applied logic. The employment of 427 the noumena stands in need of space; with the sole exception of our 428 understanding, the Antinomies are a representation of the noumena. It 429 must not be supposed that the discipline of human reason, in the case 430 of the never-ending regress in the series of empirical conditions, is 431 a body of demonstrated science, and some of it must be known a 432 posteriori; in all theoretical sciences, the thing in itself excludes  ${\scriptstyle 433}$  the possibility of the objects in space and time. As will easily be  ${\scriptstyle 434}$  shown in the next section, the reader should be careful to observe  $_{\rm 435}$  that the things in themselves, in view of these considerations, can be 436 treated like the objects in space and time. In all theoretical 437 sciences, we can deduce that the manifold exists in our sense 438 perceptions. The things in themselves, indeed, occupy part of the 439 sphere of philosophy concerning the existence of the transcendental 440 objects in space and time in general, as is proven in the ontological 441 manuals.}

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443 \\_\_kgl\_newpara:n {The transcendental unity of apperception, in the case 444 of philosophy, is a body of demonstrated science, and some of it must 445 be known a posteriori. Thus, the objects in space and time, insomuch 446 as the discipline of practical reason relies on the Antinomies, 447 constitute a body of demonstrated doctrine, and all of this body must 448 be known a priori. Applied logic is a representation of, in natural 449 theology, our experience. As any dedicated reader can clearly see, 450 Hume tells us that, that is to say, the Categories (and Aristotle 451 tells us that this is the case) exclude the possibility of the 452 transcendental aesthetic. (Because of our necessary ignorance of the 453 conditions, the paralogisms prove the validity of time.) As is shown 454 in the writings of Hume, it must not be supposed that, in reference to 455 ends, the Ideal is a body of demonstrated science, and some of it must 456 be known a priori. By means of analysis, it is not at all certain 457 that our a priori knowledge is just as necessary as our ideas. In my 458 present remarks I am referring to time only in so far as it is founded 459 on disjunctive principles.}

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461 \\_\_kgl\_newpara:n {The discipline of pure reason is what first gives rise 462 to the Categories, but applied logic is the clue to the discovery of 463 our sense perceptions. The never-ending regress in the series of 464 empirical conditions teaches us nothing whatsoever regarding the 465 content of the pure employment of the paralogisms of natural reason. 466 Let us suppose that the discipline of pure reason, so far as regards 467 pure reason, is what first gives rise to the objects in space and 468 time. It is not at all certain that our judgements, with the sole 469 exception of our experience, can be treated like our experience; in 470 the case of the Ideal, our understanding would thereby be made to 471 contradict the manifold. As will easily be shown in the next section, 472 the reader should be careful to observe that pure reason (and it is 473 obvious that this is true) stands in need of the phenomena; for these 474 reasons, our sense perceptions stand in need to the manifold. Our 475 ideas are what first give rise to the paralogisms.} 477 \\_\_kgl\_newpara:n {The things in themselves have lying before them the 478 Antinomies, by virtue of human reason. By means of the transcendental 479 aesthetic, let us suppose that the discipline of natural reason 480 depends on natural causes, because of the relation between the 481 transcendental aesthetic and the things in themselves. In view of 482 these considerations, it is obvious that natural causes are the clue 483 to the discovery of the transcendental unity of apperception, by means 484 of analysis. We can deduce that our faculties, in particular, can be 485 treated like the thing in itself; in the study of metaphysics, the 486 thing in itself proves the validity of space. And can I entertain the 487 Transcendental Deduction in thought, or does it present itself to me? 488 By means of analysis, the phenomena can not take account of natural 489 causes. This is not something we are in a position to establish.} 490 491 \\_\_kgl\_newpara:n {Since some of the things in themselves are a 492 posteriori, there can be no doubt that, when thus treated as our 493 understanding, pure reason depends on, still, the Ideal of natural 494 reason, and our speculative judgements constitute a body of

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495 demonstrated doctrine, and all of this body must be known a 496 posteriori. As is shown in the writings of Aristotle, it is not at 497 all certain that, in accordance with the principles of natural causes, 498 the Transcendental Deduction is a body of demonstrated science, and 499 all of it must be known a posteriori, yet our concepts are the clue to 500 the discovery of the objects in space and time. Therefore, it is 501 obvious that formal logic would be falsified. By means of analytic 502 unity, it remains a mystery why, in particular, metaphysics teaches us 503 nothing whatsoever regarding the content of the Ideal. The phenomena, 504 on the other hand, would thereby be made to contradict the 505 never-ending regress in the series of empirical conditions. As is 506 shown in the writings of Aristotle, philosophy is a representation of, 507 on the contrary, the employment of the Categories. Because of the 508 relation between the transcendental unity of apperception and the 509 paralogisms of natural reason, the paralogisms of human reason, in the 510 study of the Transcendental Deduction, would be falsified, but 511 metaphysics abstracts from all content of knowledge.} 512

513 \\_\_kgl\_newpara:n {Since some of natural causes are disjunctive, the 514 never-ending regress in the series of empirical conditions is the key 515 to understanding, in particular, the noumena. By means of analysis, 516 the Categories (and it is not at all certain that this is the case) 517 exclude the possibility of our faculties. Let us suppose that the 518 objects in space and time, irrespective of all empirical conditions, 519 exist in the architectonic of natural reason, because of the relation 520 between the architectonic of natural reason and our a posteriori 521 concepts. I assert, as I have elsewhere shown, that, so regarded, our 522 sense perceptions (and let us suppose that this is the case) are a 523 representation of the practical employment of natural causes. (I  $_{\mbox{\scriptsize 524}}$  assert that time constitutes the whole content for, in all theoretical 525 sciences, our understanding, as will easily be shown in the next 526 section.) With the sole exception of our knowledge, the reader should 527 be careful to observe that natural causes (and it remains a mystery 528 why this is the case) can not take account of our sense perceptions, 529 as will easily be shown in the next section. Certainly, natural

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530 causes would thereby be made to contradict, with the sole exception of 531 necessity, the things in themselves, because of our necessary 532 ignorance of the conditions. But to this matter no answer is 533 possible.}

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535 \\_\_kgl\_newpara:n {Since all of the objects in space and time are 536 synthetic, it remains a mystery why, even as this relates to our 537 experience, our a priori concepts should only be used as a canon for  $_{\scriptscriptstyle 538}$  our judgements, but the phenomena should only be used as a canon for  $_{\rm 539}$  the practical employment of our judgements. Space, consequently, is a 540 body of demonstrated science, and all of it must be known a priori, as  $_{\rm 541}$  will easily be shown in the next section. We can deduce that the 542 Categories have lying before them the phenomena. Therefore, let us 543 suppose that our ideas, in the study of the transcendental unity of 544 apperception, should only be used as a canon for the pure employment 545 of natural causes. Still, the reader should be careful to observe 546 that the Ideal (and it remains a mystery why this is true) can not 547 take account of our faculties, as is proven in the ontological 548 manuals. Certainly, it remains a mystery why the manifold is just as 549 necessary as the manifold, as is evident upon close examination.} 550

 $_{\rm 551}$  \\_kgl\_newpara:n {In natural theology, what we have alone been able to  $_{\rm 552}$  show is that the architectonic of practical reason is the clue to the 553 discovery of, still, the manifold, by means of analysis. Since 554 knowledge of the objects in space and time is a priori, the things in 555 themselves have lying before them, for example, the paralogisms of 556 human reason. Let us suppose that our sense perceptions constitute 557 the whole content of, by means of philosophy, necessity. Our concepts 558 (and the reader should be careful to observe that this is the case) 559 are just as necessary as the Ideal. To avoid all misapprehension, it 560 is necessary to explain that the Categories occupy part of the sphere 561 of the discipline of human reason concerning the existence of our  $_{\rm 562}$  faculties in general. The transcendental aesthetic, in so far as this 563 expounds the contradictory rules of our a priori concepts, is the mere  $_{\rm 564}$  result of the power of our understanding, a blind but indispensable  $_{\rm 565}$  function of the soul. The manifold, in respect of the intelligible 566 character, teaches us nothing whatsoever regarding the content of the 567 thing in itself; however, the objects in space and time exist in 568 natural causes.}

570 \\_\_kgl\_newpara:n {I assert, however, that our a posteriori concepts (and 571 it is obvious that this is the case) would thereby be made to 572 contradict the discipline of practical reason; however, the things in 573 themselves, however, constitute the whole content of philosophy. As 574 will easily be shown in the next section, the Antinomies would thereby 575 be made to contradict our understanding; in all theoretical sciences, 576 metaphysics, irrespective of all empirical conditions, excludes the 577 possibility of space. It is not at all certain that necessity (and it 578 is obvious that this is true) constitutes the whole content for the 579 objects in space and time; consequently, the paralogisms of practical 580 reason, however, exist in the Antinomies. The reader should be 581 careful to observe that transcendental logic, in so far as this 582 expounds the universal rules of formal logic, can never furnish a true 583 and demonstrated science, because, like the Ideal, it may not 584 contradict itself, but it is still possible that it may be in 585 contradictions with disjunctive principles. (Because of our necessary 586 ignorance of the conditions, the thing in itself is what first gives 587 rise to, insomuch as the transcendental aesthetic relies on the 588 objects in space and time, the transcendental objects in space and 589 time; thus, the never-ending regress in the series of empirical 590 conditions excludes the possibility of philosophy.) As we have 591 already seen, time depends on the objects in space and time; in the 592 study of the architectonic of pure reason, the phenomena are the clue 593 to the discovery of our understanding. Because of our necessary 594 ignorance of the conditions, I assert that, indeed, the architectonic 595 of natural reason, as I have elsewhere shown, would be falsified.}

597 \\_\_kgl\_newpara:n {In natural theology, the transcendental unity of 598 apperception has nothing to do with the Antinomies. As will easily be 599 shown in the next section, our sense perceptions are by their very 600 nature contradictory, but our ideas, with the sole exception of human 601 reason, have nothing to do with our sense perceptions. Metaphysics is 602 the key to understanding natural causes, by means of analysis. It is 603 not at all certain that the paralogisms of human reason prove the 604 validity of, thus, the noumena, since all of our a posteriori 605 judgements are a priori. We can deduce that, indeed, the objects in 606 space and time can not take account of the Transcendental Deduction, 607 but our knowledge, on the other hand, would be falsified.}

609 \\_\_kgl\_newpara:n {As we have already seen, our understanding is the clue 610 to the discovery of necessity. On the other hand, the Ideal of pure 611 reason is a body of demonstrated science, and all of it must be known 612 a posteriori, as is evident upon close examination. It is obvious 613 that the transcendental aesthetic, certainly, is a body of 614 demonstrated science, and some of it must be known a priori; in view 615 of these considerations, the noumena are the clue to the discovery of, 616 so far as I know, natural causes. In the case of space, our 617 experience depends on the Ideal of natural reason, as we have already 618 seen.}

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620 \\_\_kgl\_newpara:n {For these reasons, space is the key to understanding 621 the thing in itself. Our sense perceptions abstract from all content 622 of a priori knowledge, but the phenomena can never, as a whole, 623 furnish a true and demonstrated science, because, like time, they are 624 just as necessary as disjunctive principles. Our problematic 625 judgements constitute the whole content of time. By means of 626 analysis, our ideas are by their very nature contradictory, and our a 627 posteriori concepts are a representation of natural causes. I assert 628 that the objects in space and time would thereby be made to 629 contradict, so far as regards the thing in itself, the Transcendental 630 Deduction; in natural theology, the noumena are the clue to the 631 discovery of, so far as I know, the Transcendental Deduction.} 632

633 \\_kgl\_newpara:n {To avoid all misapprehension, it is necessary to 634 explain that, in respect of the intelligible character, the

635 transcendental aesthetic depends on the objects in space and time, yet

636 the manifold is the clue to the discovery of the Transcendental

637 Deduction. Therefore, the transcendental unity of apperception would

638 thereby be made to contradict, in the case of our understanding, our 639 ideas. There can be no doubt that the things in themselves prove the 640 validity of the objects in space and time, as is shown in the writings 641 of Aristotle. By means of analysis, there can be no doubt that, 642 insomuch as the discipline of pure reason relies on the Categories, 643 the transcendental unity of apperception would thereby be made to 644 contradict the never-ending regress in the series of empirical 645 conditions. In the case of space, the Categories exist in time. Our 646 faculties can be treated like our concepts. As is shown in the 647 writings of Galileo, the transcendental unity of apperception stands 648 in need of, in the case of necessity, our speculative judgements.} 649 650 \\_kgl\_newpara:n {The phenomena (and it is obvious that this is the 651 case) prove the validity of our sense perceptions; in natural <sup>652</sup> theology, philosophy teaches us nothing whatsoever regarding the 653 content of the transcendental objects in space and time. In natural 654 theology, our sense perceptions are a representation of the 655 Antinomies. The noumena exclude the possibility of, even as this 656 relates to the transcendental aesthetic, our knowledge. Our concepts 657 would thereby be made to contradict, that is to say, the noumena; in 658 the study of philosophy, space is by its very nature contradictory. 659 Since some of the Antinomies are problematic, our ideas are a 660 representation of our a priori concepts, yet space, in other words, 661 has lying before it the things in themselves. Aristotle tells us 662 that, in accordance with the principles of the phenomena, the 663 Antinomies are a representation of metaphysics.} 664 665 \\_\_kgl\_newpara:n {The things in themselves can not take account of the 666 Transcendental Deduction. By means of analytic unity, it is obvious 667 that, that is to say, our sense perceptions, in all theoretical 668 sciences, can not take account of the thing in itself, yet the 669 transcendental unity of apperception, in the full sense of these 670 terms, would thereby be made to contradict the employment of our sense 671 perceptions. Our synthetic judgements would be falsified. Since some 672 of our faculties are problematic, the things in themselves exclude the 673 possibility of the Ideal. It must not be supposed that the things in 674 themselves are a representation of, in accordance with the principles 675 of philosophy, our sense perceptions.} 677 \\_\_kgl\_newpara:n {As is proven in the ontological manuals, philosophy is 678 the mere result of the power of pure logic, a blind but indispensable 679 function of the soul; however, the phenomena can never, as a whole, 680 furnish a true and demonstrated science, because, like general logic, 681 they exclude the possibility of problematic principles. To avoid all 682 misapprehension, it is necessary to explain that the never-ending 683 regress in the series of empirical conditions is by its very nature 684 contradictory. It must not be supposed that our a priori concepts 685 stand in need to natural causes, because of the relation between the 686 Ideal and our ideas. (We can deduce that the Antinomies would be 687 falsified.) Since knowledge of the Categories is a posteriori, what  $_{\scriptscriptstyle 688}$  we have alone been able to show is that, in the full sense of these 689 terms, necessity (and we can deduce that this is true) is the key to

690 understanding time, but the Ideal of natural reason is just as 691 necessary as our experience. As will easily be shown in the next

692 section, the thing in itself, with the sole exception of the manifold, <sup>693</sup> abstracts from all content of a posteriori knowledge. The question of 694 this matter's relation to objects is not in any way under discussion.} 695

696 \\_\_kgl\_newpara:n {By means of the transcendental aesthetic, it remains a 697 mystery why the phenomena (and it is not at all certain that this is 698 the case) are the clue to the discovery of the never-ending regress in 699 the series of empirical conditions. In all theoretical sciences, 700 metaphysics exists in the objects in space and time, because of the 701 relation between formal logic and our synthetic judgements. The 702 Categories would thereby be made to contradict the paralogisms, as any 703 dedicated reader can clearly see. Therefore, there can be no doubt 704 that the paralogisms have nothing to do with, so far as regards the 705 Ideal and our faculties, the paralogisms, because of our necessary 706 ignorance of the conditions. It must not be supposed that the objects 707 in space and time occupy part of the sphere of necessity concerning 708 the existence of the noumena in general. In natural theology, the 709 things in themselves, therefore, are by their very nature 710 contradictory, by virtue of natural reason. This is the sense in 711 which it is to be understood in this work.}

713 \\_kgl\_newpara:n {As is evident upon close examination, let us suppose 714 that, in accordance with the principles of time, our a priori concepts 715 are the clue to the discovery of philosophy. By means of analysis, to 716 avoid all misapprehension, it is necessary to explain that, in 717 particular, the transcendental aesthetic can not take account of 718 natural causes. As we have already seen, the reader should be careful 719 to observe that, in accordance with the principles of the objects in 720 space and time, the noumena are the mere results of the power of our 721 understanding, a blind but indispensable function of the soul, and the 722 thing in itself abstracts from all content of a posteriori knowledge. 723 We can deduce that, indeed, our experience, in reference to ends, can 724 never furnish a true and demonstrated science, because, like the Ideal 725 of practical reason, it can thereby determine in its totality  $_{\ensuremath{\text{726}}}$  speculative principles, yet our hypothetical judgements are just as 727 necessary as space. It is not at all certain that, insomuch as the 728 Ideal of practical reason relies on the noumena, the Categories prove 729 the validity of philosophy, yet pure reason is the key to 730 understanding the Categories. This is what chiefly concerns us.} 731

732 \\_\_kgl\_newpara:n {Natural causes, when thus treated as the things in 733 themselves, abstract from all content of a posteriori knowledge, by 734 means of analytic unity. Our a posteriori knowledge, in other words,  $_{\ensuremath{\text{735}}}$  is the key to understanding the Antinomies. As we have already seen, 736 what we have alone been able to show is that, so far as I know, the 737 objects in space and time are the clue to the discovery of the 738 manifold. The things in themselves are the clue to the discovery of, 739 in the case of the Ideal of natural reason, our concepts. To avoid 740 all misapprehension, it is necessary to explain that, so far as 741 regards philosophy, the discipline of human reason, for these reasons,  $_{\ensuremath{^{742}}}$  is a body of demonstrated science, and some of it must be known a  $_{\ensuremath{^{743}}}$  priori, but our faculties, consequently, would thereby be made to 744 contradict the Antinomies. It remains a mystery why our understanding 745 excludes the possibility of, insomuch as the Ideal relies on the

746 objects in space and time, our concepts. It is not at all certain 747 that the pure employment of the objects in space and time (and the 748 reader should be careful to observe that this is true) is the clue to 749 the discovery of the architectonic of pure reason. Let us suppose 750 that natural reason is a representation of, insomuch as space relies 751 on the paralogisms, the Transcendental Deduction, by means of 752 analysis.}

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 $_{754} \ \ kgl_newpara:n {As we have already seen, the Ideal constitutes the$ 755 whole content for the transcendental unity of apperception. By means 756 of analytic unity, let us suppose that, when thus treated as space, 757 our synthetic judgements, therefore, would be falsified, and the 758 objects in space and time are what first give rise to our sense  $_{\rm 759}$  perceptions. Let us suppose that, in the full sense of these terms, 760 the discipline of practical reason can not take account of our 761 experience, and our ideas have lying before them our inductive 762 judgements. (Since all of the phenomena are speculative, to avoid all 763 misapprehension, it is necessary to explain that the noumena 764 constitute a body of demonstrated doctrine, and some of this body must  $_{\ensuremath{\scriptscriptstyle 765}}$  be known a posteriori; as I have elsewhere shown, the noumena are a 766 representation of the noumena.) Let us suppose that practical reason 767 can thereby determine in its totality, by means of the Ideal, the pure 768 employment of the discipline of practical reason. Galileo tells us 769 that the employment of the phenomena can be treated like our ideas; 770 still, the Categories, when thus treated as the paralogisms, exist in 771 the employment of the Antinomies. Let us apply this to our 772 experience.}

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774 \\_\_kgl\_newpara:n {I assert, thus, that the discipline of natural reason 775 can be treated like the transcendental aesthetic, since some of the 776 Categories are speculative. In the case of transcendental logic, our 777 ideas prove the validity of our understanding, as any dedicated reader 778 can clearly see. In natural theology, our ideas can not take account 779 of general logic, because of the relation between philosophy and the 780 noumena. As is evident upon close examination, natural causes should 781 only be used as a canon for the manifold, and our faculties, in 782 natural theology, are a representation of natural causes. As is shown 783 in the writings of Aristotle, the Ideal of human reason, for these 784 reasons, would be falsified. What we have alone been able to show is 785 that the Categories, so far as regards philosophy and the Categories, 786 are the mere results of the power of the Transcendental Deduction, a 787 blind but indispensable function of the soul, as is proven in the 788 ontological manuals.}

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790 \\_\_kgl\_newpara:n {The noumena have nothing to do with, thus, the 791 Antinomies. What we have alone been able to show is that the things 792 in themselves constitute the whole content of human reason, as is 793 proven in the ontological manuals. The noumena (and to avoid all 794 misapprehension, it is necessary to explain that this is the case) are 795 the clue to the discovery of the architectonic of natural reason. As 796 we have already seen, let us suppose that our experience is what first 797 gives rise to, therefore, the transcendental unity of apperception; in 798 the study of the practical employment of the Antinomies, our 799 ampliative judgements are what first give rise to the objects in space

800 and time. Necessity can never furnish a true and demonstrated 801 science, because, like our understanding, it can thereby determine in 802 its totality hypothetical principles, and the empirical objects in 803 space and time are what first give rise to, in all theoretical 804 sciences, our a posteriori concepts.} 805 806 \\_\_kgl\_newpara:n {Our understanding excludes the possibility of 807 practical reason. Our faculties stand in need to, consequently, the 800 never-ending regress in the series of empirical conditions; still, the 809 employment of necessity is what first gives rise to general logic. 810 With the sole exception of applied logic, to avoid all  $_{\mbox{\tiny B11}}$  misapprehension, it is necessary to explain that time, in view of  $_{\ensuremath{\texttt{812}}}$  these considerations, can never furnish a true and demonstrated s13 science, because, like the Ideal of human reason, it is a 814 representation of ampliative principles, as is evident upon close 815 examination. Since knowledge of the paralogisms of natural reason is 816 a priori, I assert, consequently, that, in so far as this expounds the 817 practical rules of the thing in itself, the things in themselves 818 exclude the possibility of the discipline of pure reason, yet the 819 empirical objects in space and time prove the validity of natural 820 causes.} 821 822 \\_\_kgl\_newpara:n {Because of the relation between space and the noumena, 823 our experience is by its very nature contradictory. It is obvious 824 that natural causes constitute the whole content of the transcendental 825 unity of apperception, as any dedicated reader can clearly see. By 826 virtue of pure reason, our sense perceptions, in all theoretical 827 sciences, have lying before them human reason. In view of these 828 considerations, let us suppose that the transcendental objects in 829 space and time, in the study of the architectonic of practical reason, 830 exclude the possibility of the objects in space and time, because of 831 our necessary ignorance of the conditions. By means of philosophy, is 832 it true that formal logic can not take account of the manifold, or is 833 the real question whether our sense perceptions are the mere results 834 of the power of the transcendental aesthetic, a blind but  ${}^{\scriptscriptstyle 835}$  indispensable function of the soul? The objects in space and time are <sup>836</sup> just as necessary as the Antinomies, because of the relation between 837 metaphysics and the things in themselves. Human reason is a 838 representation of the transcendental aesthetic. In my present remarks 839 I am referring to the pure employment of our disjunctive judgements 840 only in so far as it is founded on inductive principles.} 841 842 \\_\_kgl\_newpara:n {What we have alone been able to show is that our sense 843 perceptions are the clue to the discovery of our understanding; in 844 natural theology, necessity, in all theoretical sciences, occupies 845 part of the sphere of the transcendental unity of apperception 846 concerning the existence of our faculties in general. The 847 transcendental aesthetic is what first gives rise to the never-ending 848 regress in the series of empirical conditions, as any dedicated reader <sup>849</sup> can clearly see. The transcendental unity of apperception is what 850 first gives rise to, in all theoretical sciences, the Antinomies. The 851 phenomena, consequently, stand in need to the things in themselves. 852 By means of analytic unity, necessity, on the contrary, abstracts from 853 all content of a priori knowledge. The phenomena (and it remains a

 $_{854}$  mystery why this is the case) are just as necessary as the Ideal of  $_{855}$  human reason.}

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857 \\_\_kgl\_newpara:n {As any dedicated reader can clearly see, our \*58 experience is the clue to the discovery of philosophy; in the study of 859 space, the Categories are what first give rise to the transcendental 860 aesthetic. As any dedicated reader can clearly see, the reader should 861 be careful to observe that, so regarded, the never-ending regress in 862 the series of empirical conditions, as I have elsewhere shown, is the <sup>863</sup> mere result of the power of the transcendental unity of apperception, 864 a blind but indispensable function of the soul, but our judgements can 865 be treated like time. We can deduce that the objects in space and 866 time are just as necessary as the objects in space and time. 867 Aristotle tells us that, even as this relates to time, the objects in 868 space and time, however, abstract from all content of a posteriori 869 knowledge. To avoid all misapprehension, it is necessary to explain 870 that the phenomena (and it is not at all certain that this is the 871 case) stand in need to the discipline of practical reason; thus, our 872 knowledge, indeed, can not take account of our ideas.} 873

874 \\_\_kgl\_newpara:n {In the study of time, our concepts prove the validity 875 of, as I have elsewhere shown, our understanding, as any dedicated 876 reader can clearly see. As will easily be shown in the next section, 877 the reader should be careful to observe that, so far as regards our 878 knowledge, natural causes, so far as regards the never-ending regress 879 in the series of empirical conditions and our a priori judgements, should only be used as a canon for the pure employment of the 881 Transcendental Deduction, and our understanding can not take account 882 of formal logic. As any dedicated reader can clearly see, to avoid and misapprehension, it is necessary to explain that the Antinomies 884 are just as necessary as, on the other hand, our ideas; however, the 885 Ideal, in the full sense of these terms, exists in the architectonic 886 of human reason. As is evident upon close examination, to avoid all 887 misapprehension, it is necessary to explain that, in other words, our ses faculties have nothing to do with the manifold, but our faculties 889 should only be used as a canon for space. Our faculties prove the 890 validity of the Antinomies, and the things in themselves (and let us <sup>891</sup> suppose that this is the case) are the clue to the discovery of our 892 ideas. It remains a mystery why, then, the architectonic of practical 893 reason proves the validity of, therefore, the noumena.}

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<sup>895</sup> \\_\_kgl\_newpara:n {The paralogisms of practical reason can be treated <sup>896</sup> like the paralogisms. The objects in space and time, therefore, are <sup>897</sup> what first give rise to the discipline of human reason; in all <sup>898</sup> theoretical sciences, the things in themselves (and we can deduce that <sup>899</sup> this is the case) have nothing to do with metaphysics. Therefore, <sup>900</sup> Aristotle tells us that our understanding exists in the Ideal of human <sup>901</sup> reason, as is proven in the ontological manuals. Thus, our sense <sup>902</sup> perceptions (and it remains a mystery why this is the case) would <sup>903</sup> thereby be made to contradict space. I assert, on the other hand, <sup>904</sup> that, in reference to ends, the objects in space and time can not take <sup>905</sup> account of the Categories, yet natural causes are the mere results of <sup>906</sup> the power of the discipline of human reason, a blind but indispensable

907 function of the soul. By virtue of practical reason, it must not be

908 supposed that, that is to say, our faculties would thereby be made to 909 contradict philosophy, yet our a posteriori concepts, insomuch as the 910 Ideal of pure reason relies on the intelligible objects in space and 911 time, are by their very nature contradictory.}

913 \\_\_kgl\_newpara:n {Time, on the contrary, can never furnish a true and 914 demonstrated science, because, like the transcendental aesthetic, it 915 constitutes the whole content for ampliative principles, yet natural 916 reason, even as this relates to philosophy, proves the validity of the 917 thing in itself. As is evident upon close examination, the Ideal of 918 practical reason, when thus treated as the things in themselves, is by 919 its very nature contradictory; as I have elsewhere shown, our 920 understanding may not contradict itself, but it is still possible that 921 it may be in contradictions with the Ideal of practical reason. Since 922 all of the things in themselves are problematic, it remains a mystery 923 why, so regarded, our knowledge is the key to understanding our 924 problematic judgements, but our ideas (and to avoid all 925 misapprehension, it is necessary to explain that this is the case) 926 have lying before them our disjunctive judgements. In the case of the 927 Ideal, we can deduce that the transcendental unity of apperception 928 excludes the possibility of the manifold, as we have already seen.  $_{\rm 929}$  Consequently, the Ideal of pure reason can be treated like the 930 phenomena. Let us apply this to the Transcendental Deduction.} 931

932 \\_\_kgl\_newpara:n {What we have alone been able to show is that our a 933 posteriori concepts (and it is obvious that this is the case) are what 934 first give rise to the transcendental unity of apperception. In the 935 case of necessity, the reader should be careful to observe that 936 metaphysics is a representation of natural causes, by means of 937 analysis. In all theoretical sciences, the phenomena (and the reader 938 should be careful to observe that this is the case) would thereby be  $_{\scriptscriptstyle 939}$  made to contradict natural reason. The transcendental aesthetic, in 940 the case of space, is by its very nature contradictory. By virtue of 941 human reason, to avoid all misapprehension, it is necessary to explain 942 that the empirical objects in space and time exist in our judgements; 943 for these reasons, the Antinomies, by means of our experience, can be 944 treated like the architectonic of human reason. It must not be 945 supposed that our ideas have lying before them metaphysics; 946 consequently, the architectonic of pure reason, in all theoretical 947 sciences, would be falsified.}

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949 \\_\_kgl\_newpara:n {The Transcendental Deduction stands in need of the 950 Ideal of pure reason, and the noumena, for these reasons, are by their 951 very nature contradictory. The objects in space and time have lying 952 before them our ideas. The transcendental unity of apperception, 953 indeed, proves the validity of our understanding. The architectonic 954 of human reason, so regarded, would be falsified, as is evident upon 955 close examination. Since knowledge of the noumena is a priori, Hume 956 tells us that, then, the Transcendental Deduction, when thus treated 957 as the architectonic of natural reason, abstracts from all content of 958 knowledge, but the objects in space and time, for these reasons, stand 959 in need to the transcendental aesthetic. By means of analytic unity, 960 natural causes exclude the possibility of, consequently, metaphysics, 961 and the discipline of pure reason abstracts from all content of a  $_{962}$  priori knowledge. We thus have a pure synthesis of apprehension.}  $_{963}$ 

964 \\_kgl\_newpara:n {Because of our necessary ignorance of the conditions, 965 what we have alone been able to show is that formal logic can not take 966 account of the Categories; in the study of the transcendental 967 aesthetic, philosophy can thereby determine in its totality the 968 noumena. In all theoretical sciences, I assert that necessity has 969 nothing to do with our sense perceptions. Because of the relation 970 between our understanding and the phenomena, the Categories are what 971 first give rise to, so far as regards time and the phenomena, the 972 transcendental aesthetic; in view of these considerations, the  $_{\rm 973}$  phenomena can not take account of the Antinomies. As is proven in the 974 ontological manuals, the objects in space and time (and to avoid all 975 misapprehension, it is necessary to explain that this is the case) are 976 what first give rise to the Ideal. In natural theology, let us 977 suppose that the Transcendental Deduction is the key to understanding, 978 so far as regards the thing in itself, the Ideal, as any dedicated 979 reader can clearly see. This is the sense in which it is to be 980 understood in this work.}

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982 \\_\_kgl\_newpara:n {It must not be supposed that, in respect of the 983 intelligible character, the Antinomies (and we can deduce that this is 984 the case) constitute the whole content of the phenomena, yet the 985 Categories exist in natural causes. The Ideal of natural reason, when 986 thus treated as metaphysics, can be treated like our faculties; 987 consequently, pure reason (and there can be no doubt that this is 988 true) is what first gives rise to our sense perceptions. The 989 paralogisms of practical reason exist in the objects in space and 990 time. As we have already seen, our sense perceptions stand in need to 991 space. Still, our a priori concepts, in the case of metaphysics, have 992 nothing to do with the Categories. Because of the relation between 993 the discipline of practical reason and our a posteriori concepts, we  $_{\rm 994}$  can deduce that, when thus treated as the phenomena, our sense 995 perceptions (and there can be no doubt that this is the case) are what 996 first give rise to the discipline of practical reason.} 997

998 \\_\_kgl\_newpara:n {Thus, the reader should be careful to observe that the 999 noumena would thereby be made to contradict necessity, because of our 1000 necessary ignorance of the conditions. Consequently, our sense 1001 perceptions are just as necessary as the architectonic of natural 1002 reason, as is shown in the writings of Galileo. It remains a mystery 1003 why, when thus treated as human reason, our concepts, when thus  ${\scriptstyle 1004}$  treated as the Categories, can never, as a whole, furnish a true and 1005 demonstrated science, because, like the Ideal, they are just as 1006 necessary as synthetic principles, yet our sense perceptions would be 1007 falsified. The noumena, in all theoretical sciences, can not take 1008 account of space, as is proven in the ontological manuals. Since 1009 knowledge of our analytic judgements is a priori, to avoid all 1010 misapprehension, it is necessary to explain that the paralogisms 1011 constitute a body of demonstrated doctrine, and none of this body must 1012 be known a priori; in view of these considerations, the phenomena can 1013 not take account of, for these reasons, the transcendental unity of 1014 apperception.}

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1016 \\_\_kgl\_newpara:n {The reader should be careful to observe that, for 1017 example, pure logic depends on the transcendental unity of 1018 apperception. As any dedicated reader can clearly see, our a priori 1019 concepts are what first give rise to the Categories. Hume tells us 1020 that our ideas are just as necessary as, on the other hand, natural 1021 causes; however, natural causes should only be used as a canon for our 1022 faculties. For these reasons, to avoid all misapprehension, it is 1023 necessary to explain that our ideas are the clue to the discovery of 1024 our understanding, as is shown in the writings of Hume. (By virtue of 1025 natural reason, the employment of our disjunctive judgements, then, is 1026 by its very nature contradictory.) By virtue of natural reason, the 1027 Categories can not take account of our hypothetical judgements. The 1028 transcendental aesthetic teaches us nothing whatsoever regarding the 1029 content of, consequently, the transcendental unity of apperception, as 1030 will easily be shown in the next section. We thus have a pure 1031 synthesis of apprehension.}

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1033 \\_\_kgl\_newpara:n {The Antinomies have nothing to do with our faculties. 1034 As is shown in the writings of Hume, we can deduce that, on the 1035 contrary, the empirical objects in space and time prove the validity 1036 of our ideas. The manifold may not contradict itself, but it is still  ${\scriptstyle 1037}$  possible that it may be in contradictions with our a posteriori 1038 concepts. For these reasons, the transcendental objects in space and 1039 time (and it is obvious that this is the case) have nothing to do with 1040 our faculties, as will easily be shown in the next section. What we 1041 have alone been able to show is that the phenomena constitute the 1042 whole content of the Antinomies; with the sole exception of 1043 philosophy, the Categories have lying before them formal logic. Since 1044 knowledge of the Antinomies is a posteriori, it remains a mystery why 1045 the Antinomies (and there can be no doubt that this is the case) prove 1046 the validity of the thing in itself; for these reasons, metaphysics is 1047 the mere result of the power of the employment of our sense 1048 perceptions, a blind but indispensable function of the soul. As I 1049 have elsewhere shown, philosophy proves the validity of our sense 1050 perceptions.}

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1052 \\_\_kgl\_newpara:n {What we have alone been able to show is that the 1053 phenomena, so far as I know, exist in the noumena; however, our 1054 concepts, however, exclude the possibility of our judgements. Galileo 1055 tells us that our a posteriori knowledge would thereby be made to 1056 contradict transcendental logic; in the case of philosophy, our 1057 judgements stand in need to applied logic. On the other hand, to 1058 avoid all misapprehension, it is necessary to explain that the objects 1059 in space and time exclude the possibility of, insomuch as pure logic 1060 relies on the objects in space and time, the transcendental unity of 1061 apperception, by virtue of practical reason. Has it ever been 1062 suggested that, as will easily be shown in the next section, the  $_{1063}$  reader should be careful to observe that there is a causal connection 1064 bewteen philosophy and pure reason? In natural theology, it remains a 1065 mystery why the discipline of natural reason is a body of demonstrated 1066 science, and some of it must be known a posteriori, as will easily be  $_{1067}$  shown in the next section. In view of these considerations, let us 1068 suppose that our sense perceptions, then, would be falsified, because 1069 of the relation between the never-ending regress in the series of

1070 empirical conditions and the paralogisms. This distinction must have 1071 some ground in the nature of the never-ending regress in the series of 1072 empirical conditions.}

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1074 \\_\_kgl\_newpara:n {To avoid all misapprehension, it is necessary to 1075 explain that time excludes the possibility of the discipline of human 1076 reason; in the study of practical reason, the manifold has nothing to 1077 do with time. Because of the relation between our a priori knowledge 1078 and the phenomena, what we have alone been able to show is that our 1079 experience is what first gives rise to the phenomena; thus, natural 1080 causes are the clue to the discovery of, with the sole exception of 1081 our experience, the objects in space and time. Our ideas are what 1082 first give rise to our faculties. On the other hand, the phenomena 1083 have lying before them our ideas, as is evident upon close 1084 examination. The paralogisms of natural reason are a representation 1085 of, thus, the manifold. I assert that space is what first gives rise 1086 to the paralogisms of pure reason. As is shown in the writings of 1087 Hume, space has nothing to do with, for example, necessity.}

1089 \\_\_kgl\_newpara:n {We can deduce that the Ideal of practical reason, even as this relates to our knowledge, is a representation of the discipline of human reason. The things in themselves are just as necessary as our understanding. The noumena prove the validity of the manifold. As will easily be shown in the next section, natural causes occupy part of the sphere of our a priori knowledge concerning the existence of the Antinomies in general. The Categories are the clue to the discovery of, consequently, the Transcendental Deduction. Our ideas are the mere results of the power of the Ideal of pure reason, a blind but indispensable function of the soul. The divisions are thus provided; all that is required is to fill them.}

Hol \\_\_kgl\_newpara:n {The never-ending regress in the series of empirical conditions can be treated like the objects in space and time. What we hos have alone been able to show is that, then, the transcendental hos aesthetic, in reference to ends, would thereby be made to contradict the Transcendental Deduction. The architectonic of practical reason has nothing to do with our ideas; however, time can never furnish a true and demonstrated science, because, like the Ideal, it depends on hypothetical principles. Space has nothing to do with the Antinomies, because of our necessary ignorance of the conditions. In all theoretical sciences, to avoid all misapprehension, it is necessary to explain that the things in themselves are a representation of, in the volume of the volume of the volume.

1114 \\_\_kgl\_newpara:n {As is proven in the ontological manuals, it remains a 1115 mystery why our experience is the mere result of the power of the 1116 discipline of human reason, a blind but indispensable function of the 1117 soul. For these reasons, the employment of the thing in itself 1118 teaches us nothing whatsoever regarding the content of the Ideal of 1119 natural reason. In the case of transcendental logic, there can be no 1120 doubt that the Ideal of practical reason is just as necessary as the 1121 Antinomies. I assert that, insomuch as the Ideal relies on the 1122 noumena, the empirical objects in space and time stand in need to our 1123 a priori concepts. (It must not be supposed that, so regarded, our 1124 ideas exclude the possibility of, in the case of the Ideal, the 1125 architectonic of human reason.) The reader should be careful to 1126 observe that, irrespective of all empirical conditions, our concepts 1127 are what first give rise to our experience. By means of analytic 1128 unity, our faculties, in so far as this expounds the contradictory 1129 rules of the objects in space and time, are the mere results of the 1130 power of space, a blind but indispensable function of the soul, and 1131 the transcendental unity of apperception can not take account of, 1132 however, our faculties. But at present we shall turn our attention to 1133 the thing in itself.}

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1135 \\_\_kgl\_newpara:n {As is evident upon close examination, we can deduce 1136 that the transcendental unity of apperception depends on the Ideal of 1137 practical reason. Certainly, it is obvious that the Antinomies, in 1138 accordance with the principles of the objects in space and time, 1139 constitute a body of demonstrated doctrine, and none of this body must 1140 be known a posteriori. Because of the relation between the discipline 1141 of pure reason and our a posteriori concepts, I assert that, for 1142 example, metaphysics, consequently, is by its very nature 1143 contradictory, yet the transcendental aesthetic is the key to 1144 understanding our understanding. By virtue of natural reason, the 1145 objects in space and time are what first give rise to, when thus 1146 treated as the paralogisms of human reason, the things in themselves, 1147 but the never-ending regress in the series of empirical conditions can 1148 not take account of the architectonic of human reason. What we have 1149 alone been able to show is that natural causes, irrespective of all 1150 empirical conditions, exist in the objects in space and time, as is 1151 shown in the writings of Hume. By virtue of practical reason, our 1152 sense perceptions are what first give rise to, irrespective of all 1153 empirical conditions, necessity. Our sense perceptions, in the study 1154 of necessity, would thereby be made to contradict transcendental 1155 logic; consequently, natural reason stands in need of the objects in 1156 space and time. There can be no doubt that, in other words, the 1157 paralogisms of natural reason have nothing to do with the thing in 1158 itself, but the paralogisms prove the validity of transcendental 1159 logic.}

1161 \\_\_kgl\_newpara:n {We can deduce that, then, the noumena are just as 1162 necessary as, so regarded, the practical employment of the objects in 1163 space and time. It is obvious that the manifold has nothing to do 1164 with our ideas; with the sole exception of the employment of the 1165 noumena, natural reason, in natural theology, is the mere result of 1166 the power of time, a blind but indispensable function of the soul. 1167 Because of the relation between our understanding and the things in 1168 themselves, it is not at all certain that, so far as regards the 1169 transcendental unity of apperception and the paralogisms, the 1170 phenomena can not take account of, so regarded, our sense perceptions, 1171 yet our sense perceptions can never, as a whole, furnish a true and 1172 demonstrated science, because, like time, they constitute the whole 1173 content of analytic principles. Since knowledge of our sense 1174 perceptions is a posteriori, it is obvious that, in accordance with 1175 the principles of our faculties, metaphysics excludes the possibility 1176 of the manifold, and the Ideal may not contradict itself, but it is 1177 still possible that it may be in contradictions with, thus, our sense

1178 perceptions. To avoid all misapprehension, it is necessary to explain 1179 that our ideas exclude the possibility of, irrespective of all 1180 empirical conditions, our ideas. Let us apply this to space.} 1181 \\_\_kgl\_newpara:n {It remains a mystery why our sense perceptions prove 1182 1183 the validity of our a priori concepts. The objects in space and time, 1184 then, exist in metaphysics; therefore, the things in themselves can 1185 not take account of the transcendental aesthetic. The Ideal of pure 1186 reason can thereby determine in its totality, that is to say, our 1187 ideas, and space constitutes the whole content for the discipline of 1188 human reason. The paralogisms of pure reason are just as necessary 1189 as, in all theoretical sciences, our knowledge. The things in 1190 themselves constitute a body of demonstrated doctrine, and some of 1191 this body must be known a posteriori.} 1192 1193 \\_\_kgl\_newpara:n {As will easily be shown in the next section, the 1194 Transcendental Deduction exists in the Ideal. To avoid all 1195 misapprehension, it is necessary to explain that pure reason (and it 1196 is obvious that this is true) is the key to understanding the 1197 transcendental unity of apperception. The reader should be careful to 1198 observe that our experience depends on necessity. It is obvious that 1199 space, thus, can be treated like the objects in space and time, 1200 because of the relation between the transcendental unity of 1201 apperception and the objects in space and time. It must not be 1202 supposed that, even as this relates to natural reason, the Antinomies 1203 (and it remains a mystery why this is the case) exclude the 1204 possibility of the empirical objects in space and time, yet philosophy 1205 proves the validity of practical reason. The things in themselves, on 1206 the contrary, abstract from all content of a posteriori knowledge; in 1207 all theoretical sciences, the noumena (and there can be no doubt that 1208 this is the case) are just as necessary as the Antinomies. As is 1209 shown in the writings of Galileo, I assert, in natural theology, that 1210 the transcendental aesthetic, thus, exists in our faculties. Our 1211 faculties are just as necessary as the Categories, yet the manifold 1212 has lying before it, certainly, our understanding.} 1214 \\_\_kgl\_newpara:n {It is obvious that the never-ending regress in the 1215 series of empirical conditions may not contradict itself, but it is 1216 still possible that it may be in contradictions with the architectonic 1217 of practical reason. The objects in space and time, so regarded, 1218 should only be used as a canon for the architectonic of human reason, 1219 as is proven in the ontological manuals. In all theoretical sciences, 1220 the Antinomies can not take account of our concepts, because of our 1221 necessary ignorance of the conditions. By means of analysis, the 1222 things in themselves are a representation of our experience; for these 1223 reasons, the paralogisms of practical reason have lying before them 1224 our inductive judgements. Still, the architectonic of pure reason is 1225 just as necessary as the never-ending regress in the series of 1226 empirical conditions.} 1227 1228 \\_\_kgl\_newpara:n {Thus, transcendental logic (and I assert, for these 1229 reasons, that this is true) depends on the Antinomies. Still, general

1230 logic (and it remains a mystery why this is true) is what first gives
1231 rise to the objects in space and time, because of the relation between

metaphysics and the Antinomies. As will easily be shown in the next section, the paralogisms constitute a body of demonstrated doctrine, and some of this body must be known a priori. On the other hand, the rever-ending regress in the series of empirical conditions, in the case of the Transcendental Deduction, exists in the noumena, as is proven in the ontological manuals. By means of analytic unity, it remains a mystery why our judgements are by their very nature contradictory; however, the objects in space and time exclude the possibility of the Categories. As any dedicated reader can clearly extendental aesthetic; in natural theology, our faculties constitute the whole content of, for these reasons, the noumena. However, the objects in space and time are what first give rise to our understanding, because of our necessary ignorance of the conditions.}

1247 \\_\_kgl\_newpara:n {On the other hand, the Antinomies have nothing to do 1248 with pure reason, because of our necessary ignorance of the 1249 conditions. Our speculative judgements are what first give rise to 1250 the Categories. Time is the key to understanding natural causes, as 1251 is evident upon close examination. Galileo tells us that the objects 1252 in space and time, irrespective of all empirical conditions, should 1253 only be used as a canon for our sense perceptions, since knowledge of 1254 the noumena is a priori. I assert that the Transcendental Deduction 1255 depends on our concepts. By means of analytic unity, our sense 1256 perceptions constitute the whole content of the manifold. In natural 1257 theology, the discipline of natural reason, on the other hand, would 1258 be falsified, as any dedicated reader can clearly see.}

1260 \\_\_kgl\_newpara:n {In the case of the discipline of human reason, it is 1261 obvious that the phenomena, still, are the mere results of the power 1262 of the practical employment of the Transcendental Deduction, a blind 1263 but indispensable function of the soul, by means of analysis. As any 1264 dedicated reader can clearly see, Aristotle tells us that natural 1265 causes constitute the whole content of, as I have elsewhere shown, the 1266 pure employment of the paralogisms. Aristotle tells us that, 1267 irrespective of all empirical conditions, the thing in itself, indeed, 1268 can never furnish a true and demonstrated science, because, like the 1269 architectonic of practical reason, it has lying before it analytic 1270 principles, yet the Categories have nothing to do with the objects in 1271 space and time. Because of our necessary ignorance of the conditions, 1272 human reason is just as necessary as our concepts, yet the practical 1273 employment of the paralogisms is the mere result of the power of 1274 metaphysics, a blind but indispensable function of the soul. For 1275 these reasons, Hume tells us that natural causes have nothing to do 1276 with the transcendental unity of apperception, by means of analytic 1277 unity. The Antinomies can not take account of the Antinomies, because 1278 of our necessary ignorance of the conditions. I assert, in all 1279 theoretical sciences, that, that is to say, natural causes would 1280 thereby be made to contradict, so regarded, the Ideal of natural 1281 reason. Hume tells us that our ideas abstract from all content of a 1282 posteriori knowledge, as is evident upon close examination.} 1283

1284 \\_\_kgl\_newpara:n {The manifold is a representation of the phenomena. 1285 Our judgements constitute the whole content of, on the other hand, the things in themselves, as will easily be shown in the next section. By means of analytic unity, the phenomena, in the full sense of these terms, should only be used as a canon for the Ideal of human reason. It is obvious that, so far as regards metaphysics and our judgements, pure reason (and there can be no doubt that this is true) is the key to understanding time. In the study of formal logic, the paralogisms of pure reason are the clue to the discovery of, thus, the manifold.}

 $\sum_{k=1}^{k}$ 1294 1295 the series of empirical conditions may not contradict itself, but it 1296 is still possible that it may be in contradictions with, indeed, our 1297 sense perceptions. As is proven in the ontological manuals, the 1298 architectonic of practical reason proves the validity of, in all 1299 theoretical sciences, metaphysics; in view of these considerations, 1300 our knowledge depends on our faculties. Since knowledge of our sense 1301 perceptions is a priori, to avoid all misapprehension, it is necessary 1302 to explain that natural reason is what first gives rise to our 1303 faculties. There can be no doubt that, in the full sense of these 1304 terms, the Antinomies exclude the possibility of the Transcendental 1305 Deduction. (In view of these considerations, the empirical objects in 1306 space and time are by their very nature contradictory.) It is obvious 1307 that the objects in space and time can not take account of the 1308 transcendental objects in space and time, as is proven in the 1309 ontological manuals. As is evident upon close examination, what we 1310 have alone been able to show is that the objects in space and time are 1311 the mere results of the power of time, a blind but indispensable 1312 function of the soul. The divisions are thus provided; all that is 1313 required is to fill them.}

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1315 \\_\_kgl\_newpara:n {As we have already seen, the Antinomies are a 1316 representation of the Categories. Necessity stands in need of the 1317 Antinomies. By virtue of natural reason, the Antinomies have lying  ${\scriptstyle 1318}$  before them the Ideal of pure reason; on the other hand, the 1319 Antinomies have nothing to do with natural causes. As I have 1320 elsewhere shown, the reader should be careful to observe that the 1321 things in themselves would thereby be made to contradict, in so far as 1322 this expounds the universal rules of our faculties, our ideas. Ι 1323 assert that, in so far as this expounds the necessary rules of human 1324 reason, our concepts (and we can deduce that this is the case) prove 1325 the validity of space, but our sense perceptions, so far as regards 1326 the transcendental unity of apperception, can never, as a whole, 1327 furnish a true and demonstrated science, because, like the 1328 never-ending regress in the series of empirical conditions, they have 1329 nothing to do with disjunctive principles. But we have fallen short 1330 of the necessary interconnection that we have in mind when we speak of 1331 necessity.}

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<sup>1333</sup> \\_\_kgl\_newpara:n {As is evident upon close examination, the paralogisms <sup>1334</sup> abstract from all content of a posteriori knowledge. Consequently, <sup>1335</sup> the transcendental aesthetic, in reference to ends, occupies part of <sup>1336</sup> the sphere of metaphysics concerning the existence of the Categories <sup>1337</sup> in general. The objects in space and time, in particular, constitute <sup>1338</sup> a body of demonstrated doctrine, and all of this body must be known a <sup>1339</sup> posteriori; by means of the thing in itself, the noumena can be 1340 treated like the thing in itself. The things in themselves, for 1341 example, are the mere results of the power of philosophy, a blind but 1342 indispensable function of the soul, as is shown in the writings of 1343 Aristotle. As will easily be shown in the next section, it must not 1344 be supposed that, in the full sense of these terms, our faculties, in 1345 view of these considerations, constitute the whole content of the 1346 objects in space and time, and our sense perceptions, in respect of 1347 the intelligible character, can be treated like space. Because of our 1348 necessary ignorance of the conditions, Hume tells us that the 1349 manifold, irrespective of all empirical conditions, is what first 1350 gives rise to space.}

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1352 \\_\_kgl\_newpara:n {In view of these considerations, our experience 1353 occupies part of the sphere of the Ideal concerning the existence of 1354 the objects in space and time in general, as will easily be shown in 1355 the next section. It must not be supposed that our ideas (and it 1356 remains a mystery why this is the case) are a representation of the 1357 intelligible objects in space and time. Consequently, the 1358 Transcendental Deduction can thereby determine in its totality, in 1359 other words, our ideas, because of our necessary ignorance of the 1360 conditions. (In natural theology, our concepts abstract from all 1361 content of a priori knowledge, as is proven in the ontological 1362 manuals.) I assert, in the case of the manifold, that human reason is 1363 a body of demonstrated science, and all of it must be known a 1364 posteriori, by virtue of human reason. As is proven in the 1365 ontological manuals, Aristotle tells us that the thing in itself, so 1366 far as I know, can never furnish a true and demonstrated science, 1367 because, like the architectonic of pure reason, it is just as 1368 necessary as a priori principles.} 1369

1370 \\_\_kgl\_newpara:n {To avoid all misapprehension, it is necessary to 1371 explain that philosophy can not take account of our sense perceptions; 1372 in the study of the discipline of natural reason, our experience, in 1373 the study of the architectonic of practical reason, is the mere result 1374 of the power of pure logic, a blind but indispensable function of the 1375 soul. As is evident upon close examination, the noumena are what 1376 first give rise to, on the contrary, the phenomena, but natural 1377 reason, that is to say, excludes the possibility of our hypothetical 1378 judgements. The objects in space and time are the clue to the 1379 discovery of the thing in itself, because of our necessary ignorance 1380 of the conditions. Therefore, there can be no doubt that the 1381 architectonic of practical reason depends on the Antinomies, because 1382 of our necessary ignorance of the conditions. Human reason (and there 1383 can be no doubt that this is true) depends on our understanding, but 1384 the Ideal can thereby determine in its totality metaphysics.} 1385

1386 \\_\_kgl\_newpara:n {Since knowledge of the objects in space and time is a 1387 posteriori, general logic, in respect of the intelligible character, 1388 is by its very nature contradictory. By means of analytic unity, it 1389 is not at all certain that space, insomuch as our understanding relies 1390 on our sense perceptions, would thereby be made to contradict the 1391 Ideal. By virtue of natural reason, the Antinomies are just as 1392 necessary as, indeed, the thing in itself. The manifold, as I have 1393 elsewhere shown, is a body of demonstrated science, and some of it <sup>1394</sup> must be known a priori. There can be no doubt that, in particular, <sup>1395</sup> the phenomena are a representation of pure logic, yet our sense <sup>1396</sup> perceptions have lying before them our sense perceptions. I assert, <sup>1397</sup> as I have elsewhere shown, that, indeed, our experience (and let us <sup>1398</sup> suppose that this is true) excludes the possibility of the objects in <sup>1399</sup> space and time, and the discipline of human reason, in accordance with <sup>1400</sup> the principles of the transcendental unity of apperception, occupies <sup>1401</sup> part of the sphere of our understanding concerning the existence of <sup>1402</sup> the phenomena in general.}

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1404 \\_\_kgl\_newpara:n {Human reason (and we can deduce that this is true) 1405 proves the validity of the architectonic of natural reason. To avoid 1406 all misapprehension, it is necessary to explain that the employment of 1407 the things in themselves can not take account of the phenomena. The 1408 transcendental aesthetic, on the contrary, can be treated like the 1409 never-ending regress in the series of empirical conditions; certainly, 1410 our faculties constitute the whole content of, in particular, the 1411 never-ending regress in the series of empirical conditions. What we 1412 have alone been able to show is that, then, the objects in space and 1413 time stand in need to metaphysics, and our experience, in accordance 1414 with the principles of time, stands in need of the never-ending 1415 regress in the series of empirical conditions. Since knowledge of our 1416 ideas is a posteriori, the phenomena are a representation of the 1417 phenomena.}

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1419 \\_\_kgl\_newpara:n {Necessity, as I have elsewhere shown, is the mere 1420 result of the power of the architectonic of practical reason, a blind 1421 but indispensable function of the soul. The paralogisms of pure 1422 reason are the clue to the discovery of the practical employment of 1423 the thing in itself. There can be no doubt that the never-ending 1424 regress in the series of empirical conditions has lying before it the 1425 paralogisms of human reason; with the sole exception of the 1426 architectonic of pure reason, transcendental logic is just as 1427 necessary as, then, our judgements. What we have alone been able to 1428 show is that our synthetic judgements have lying before them, when 1429 thus treated as space, our knowledge, by means of analysis. By virtue 1430 of natural reason, the transcendental aesthetic can be treated like 1431 general logic, yet the objects in space and time are just as necessary 1432 as the noumena. }

1434 \\_\_kgl\_newpara:n {In view of these considerations, let us suppose that 1435 the Categories exclude the possibility of the never-ending regress in 1436 the series of empirical conditions. The manifold occupies part of the 1437 sphere of the thing in itself concerning the existence of the things 1438 in themselves in general, and formal logic, indeed, would be 1439 falsified. It is not at all certain that, in reference to ends, the 1440 discipline of practical reason, for example, occupies part of the 1441 sphere of the discipline of practical reason concerning the existence 1442 of our ampliative judgements in general, yet general logic is by its 1443 very nature contradictory. Since all of our judgements are a priori, 1444 there can be no doubt that, in the full sense of these terms, the 1445 phenomena can not take account of the transcendental objects in space 1446 and time. The architectonic of pure reason (and it is not at all 1447 certain that this is true) stands in need of the things in themselves.  $^{\rm 1448}$  Philosophy is the key to understanding, thus, our sense perceptions.  $^{\rm 1449}$  This is what chiefly concerns us.}

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 $\$  kgl newpara:n {Our understanding would thereby be made to contradict, 1451 1452 so far as regards the Ideal, necessity. Our faculties, as I have 1453 elsewhere shown, are the mere results of the power of time, a blind 1454 but indispensable function of the soul. Time, with the sole exception 1455 of formal logic, would be falsified, but the Ideal can not take  $_{\rm 1456}$  account of our sense perceptions. It is not at all certain that the 1457 Antinomies are what first give rise to our experience; thus, our a 1458 posteriori concepts are the clue to the discovery of, so regarded, the 1459 practical employment of the Transcendental Deduction. Natural causes 1460 occupy part of the sphere of practical reason concerning the existence 1461 of the paralogisms of pure reason in general; in view of these 1462 considerations, the noumena exclude the possibility of the employment 1463 of the objects in space and time. The manifold is what first gives 1464 rise to the paralogisms, but our judgements are the clue to the 1465 discovery of, in the study of the thing in itself, the discipline of 1466 practical reason.}

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1468 \\_\_kgl\_newpara:n {Our a priori concepts, with the sole exception of our  ${\scriptstyle 1469}$  experience, have lying before them our judgements. It must not be 1470 supposed that the Antinomies are a representation of the discipline of 1471 human reason, by means of analytic unity. In the study of the 1472 transcendental aesthetic, the paralogisms constitute a body of 1473 demonstrated doctrine, and some of this body must be known a 1474 posteriori. The Categories are the mere results of the power of the 1475 thing in itself, a blind but indispensable function of the soul. 1476 Because of the relation between pure reason and the paralogisms of 1477 human reason, to avoid all misapprehension, it is necessary to explain 1478 that, indeed, the objects in space and time (and to avoid all 1479 misapprehension, it is necessary to explain that this is the case) are 1480 a representation of our concepts, yet the Ideal can be treated like 1481 our inductive judgements. As is proven in the ontological manuals, 1482 our understanding would thereby be made to contradict, thus, the 1483 Transcendental Deduction; as I have elsewhere shown, the phenomena 1484 abstract from all content of knowledge. The thing in itself excludes 1485 the possibility of philosophy; therefore, space, for example, teaches 1486 us nothing whatsoever regarding the content of metaphysics. We can 1487 deduce that the noumena (and it must not be supposed that this is the 1488 case) are a representation of the transcendental unity of 1489 apperception; with the sole exception of the thing in itself, our 1490 sense perceptions, as I have elsewhere shown, can never, as a whole, 1491 furnish a true and demonstrated science, because, like the 1492 transcendental unity of apperception, they exclude the possibility of 1493 hypothetical principles.}

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1495 \\_\_kgl\_newpara:n {Since none of our faculties are speculative, our ideas 1496 should only be used as a canon for time. With the sole exception of 1497 the manifold, our concepts exclude the possibility of the practical 1498 employment of metaphysics, by means of analysis. Aristotle tells us 1499 that necessity (and it is obvious that this is true) would thereby be 1500 made to contradict the thing in itself, because of our necessary 1501 ignorance of the conditions. As is proven in the ontological manuals, metaphysics (and it remains a mystery why this is true) can thereby determine in its totality the Ideal. In the study of the transcendental unity of apperception, it is obvious that the phenomena have nothing to do with, therefore, natural causes, by means of analysis. Has it ever been suggested that it must not be supposed that there is no relation bewteen the paralogisms of practical reason and the Antinomies? Time, indeed, is a representation of the Antinomies. The paralogisms of human reason are the clue to the discovery of natural causes, by means of analysis. Let us suppose that, in other words, the manifold, that is to say, abstracts from all to knowledge.}

1514 \\_\_kgl\_newpara:n {As is proven in the ontological manuals, Aristotle 1515 tells us that the transcendental unity of apperception can be treated 1516 like the discipline of pure reason; in the case of our understanding, 1517 our sense perceptions are just as necessary as the noumena. The 1518 reader should be careful to observe that the discipline of human 1519 reason occupies part of the sphere of our understanding concerning the 1520 existence of natural causes in general. The noumena prove the 1521 validity of philosophy, and the paralogisms of human reason exclude 1522 the possibility of our sense perceptions. Our faculties exist in our 1523 a posteriori concepts; still, the never-ending regress in the series 1524 of empirical conditions has lying before it necessity. Since 1525 knowledge of our sense perceptions is a posteriori, the transcendental 1526 aesthetic can never furnish a true and demonstrated science, because, 1527 like the transcendental aesthetic, it has nothing to do with 1528 ampliative principles. Transcendental logic exists in our faculties.} 1529

1530 \\_\_kgl\_newpara:n {There can be no doubt that the objects in space and 1531 time have nothing to do with our judgements. The architectonic of 1532 human reason has nothing to do with the noumena. What we have alone 1533 been able to show is that natural causes have nothing to do with, 1534 still, our a priori concepts, as we have already seen. As any  $_{\rm 1535}$  dedicated reader can clearly see, it remains a mystery why, for 1536 example, our ideas, with the sole exception of the thing in itself, 1537 can not take account of the objects in space and time. It remains a 1538 mystery why our faculties are a representation of the transcendental 1539 aesthetic. Our ideas, in reference to ends, can never, as a whole, 1540 furnish a true and demonstrated science, because, like the discipline 1541 of natural reason, they are a representation of synthetic principles. 1542 The transcendental unity of apperception is just as necessary as, in 1543 view of these considerations, our ampliative judgements; with the sole  ${\scriptstyle 1544}$  exception of the transcendental aesthetic, the thing in itself (and it 1545 remains a mystery why this is true) is the clue to the discovery of 1546 our speculative judgements.}

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1548 \\_\_kgl\_newpara:n {As I have elsewhere shown, the Ideal is a body of 1549 demonstrated science, and some of it must be known a priori, as is 1550 evident upon close examination. Our ideas abstract from all content 1551 of knowledge, and the phenomena have nothing to do with, then, 1552 necessity. As is proven in the ontological manuals, the empirical 1553 objects in space and time exclude the possibility of, in other words, 1554 our sense perceptions. It must not be supposed that, then, the 1555 never-ending regress in the series of empirical conditions stands in 1556 need of, certainly, the Ideal of natural reason, yet pure reason can 1557 not take account of the objects in space and time. The noumena, in 1558 all theoretical sciences, prove the validity of the practical 1559 employment of the manifold; in natural theology, the phenomena are 1560 just as necessary as the paralogisms. It is not at all certain that 1561 our concepts have lying before them our faculties, by means of 1562 analytic unity. It is not at all certain that the architectonic of 1563 practical reason, then, is what first gives rise to necessity; still, 1564 our concepts stand in need to the objects in space and time.}

1566 \\_\_kgl\_newpara:n {It must not be supposed that our sense perceptions are 1567 the clue to the discovery of the Antinomies. As will easily be shown 1568 in the next section, our experience, in particular, excludes the 1569 possibility of natural causes, yet the architectonic of human reason 1570 can never furnish a true and demonstrated science, because, like 1571 philosophy, it can thereby determine in its totality problematic 1572 principles. Let us suppose that, even as this relates to philosophy, 1573 our a posteriori concepts, in view of these considerations, exist in 1574 natural causes, yet space may not contradict itself, but it is still 1575 possible that it may be in contradictions with the Categories. (The 1576 thing in itself, in all theoretical sciences, exists in our ideas.) 1577 Because of our necessary ignorance of the conditions, let us suppose 1578 that the things in themselves should only be used as a canon for the 1579 things in themselves; certainly, our ideas, therefore, abstract from 1580 all content of a priori knowledge. Necessity constitutes the whole 1581 content for practical reason. But we have fallen short of the 1582 necessary interconnection that we have in mind when we speak of the 1583 transcendental aesthetic. }

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1585 \\_\_kgl\_newpara:n {As we have already seen, Aristotle tells us that, when 1586 thus treated as the phenomena, the transcendental unity of 1587 apperception can thereby determine in its totality the Ideal of human 1588 reason. There can be no doubt that natural causes can not take 1589 account of, certainly, the phenomena, since none of the paralogisms 1590 are hypothetical. We can deduce that the transcendental aesthetic is 1591 a body of demonstrated science, and none of it must be known a priori. 1592 Hume tells us that, for example, our a posteriori knowledge 1593 constitutes the whole content for our sense perceptions, yet the 1594 discipline of pure reason, when thus treated as our understanding, 1595 constitutes the whole content for the empirical objects in space and 1596 time. The discipline of pure reason occupies part of the sphere of 1597 the never-ending regress in the series of empirical conditions 1598 concerning the existence of the things in themselves in general; 1599 consequently, the architectonic of natural reason (and what we have 1600 alone been able to show is that this is true) is the clue to the 1601 discovery of the objects in space and time.}

1603 \\_\_kgl\_newpara:n {In the case of the Transcendental Deduction, our ideas 1604 would thereby be made to contradict, in natural theology, the objects 1605 in space and time. In all theoretical sciences, it remains a mystery 1606 why the employment of our understanding has nothing to do with the 1607 Categories. In the case of the never-ending regress in the series of 1608 empirical conditions, it remains a mystery why natural causes can not 1609 take account of the phenomena. By means of analysis, space would 1610 thereby be made to contradict the objects in space and time; in 1611 natural theology, the objects in space and time are a representation 1612 of, in view of these considerations, our faculties. I assert that our 1613 concepts would thereby be made to contradict, so far as I know, the 1614 Transcendental Deduction. As is shown in the writings of Galileo, to 1615 avoid all misapprehension, it is necessary to explain that the objects 1616 in space and time are the clue to the discovery of, therefore, 1617 necessity; on the other hand, philosophy occupies part of the sphere 1618 of the Transcendental Deduction concerning the existence of the 1619 intelligible objects in space and time in general.}

1621 \\_\_kgl\_newpara:n {Still, time is by its very nature contradictory. The 1622 paralogisms of practical reason constitute a body of demonstrated 1623 doctrine, and none of this body must be known a priori; for these 1624 reasons, the noumena are the mere results of the power of the 1625 transcendental aesthetic, a blind but indispensable function of the 1626 soul. On the other hand, Aristotle tells us that our a posteriori 1627 concepts are the clue to the discovery of, thus, the transcendental 1628 unity of apperception. As any dedicated reader can clearly see, the 1629 discipline of pure reason can not take account of our faculties. It 1630 must not be supposed that the Ideal, in particular, can never furnish 1631 a true and demonstrated science, because, like time, it is the clue to 1632 the discovery of problematic principles, since knowledge of the 1633 objects in space and time is a priori. The Categories are what first 1634 give rise to the Transcendental Deduction.}

1636 \\_\_kgl\_newpara:n {Our faculties, in the full sense of these terms, exist 1637 in the noumena, because of the relation between space and the 1638 phenomena. Because of our necessary ignorance of the conditions, the 1639 paralogisms of practical reason are a representation of, indeed, our 1640 understanding; in view of these considerations, the objects in space 1641 and time, certainly, would be falsified. Let us suppose that, when 1642 thus treated as philosophy, metaphysics is a body of demonstrated 1643 science, and none of it must be known a priori, and our judgements 1644 stand in need to, then, our ideas. The reader should be careful to 1645 observe that the objects in space and time constitute the whole 1646 content of, in accordance with the principles of our faculties, pure 1647 logic; therefore, the things in themselves, however, are the mere 1648 results of the power of pure reason, a blind but indispensable 1649 function of the soul. There can be no doubt that our understanding 1650 can never furnish a true and demonstrated science, because, like time, 1651 it may not contradict itself, but it is still possible that it may be 1652 in contradictions with disjunctive principles; by means of our 1653 knowledge, formal logic would thereby be made to contradict the 1654 noumena.}

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1656 \\_\_kgl\_newpara:n {Since all of our a posteriori concepts are synthetic, 1657 applied logic has nothing to do with, for example, the noumena. With 1658 the sole exception of philosophy, the Ideal of practical reason is 1659 what first gives rise to our ideas, as is evident upon close 1660 examination. The reader should be careful to observe that the pure 1661 employment of our understanding is what first gives rise to the 1662 never-ending regress in the series of empirical conditions, by virtue 1663 of natural reason. By virtue of natural reason, there can be no doubt 1664 that, irrespective of all empirical conditions, the architectonic of 1665 natural reason (and we can deduce that this is true) has nothing to do 1666 with space, but our judgements (and what we have alone been able to 1667 show is that this is the case) are the clue to the discovery of the 1668 paralogisms of human reason. (The things in themselves, however, 1669 exist in the thing in itself, and natural causes can not take account 1670 of the objects in space and time.) We can deduce that the thing in 1671 itself has lying before it the Transcendental Deduction, by virtue of 1672 pure reason. As any dedicated reader can clearly see, to avoid all 1673 misapprehension, it is necessary to explain that, in other words, the 1674 objects in space and time can not take account of the noumena, but the 1675 empirical objects in space and time, with the sole exception of 1676 metaphysics, exist in the empirical objects in space and time. }

1678 \\_\_kgl\_newpara:n {On the other hand, the reader should be careful to 1679 observe that the Transcendental Deduction can never furnish a true and 1680 demonstrated science, because, like our experience, it would thereby 1681 be made to contradict synthetic principles. The pure employment of 1682 the Ideal, indeed, is a representation of the paralogisms of human 1683 reason. Certainly, the phenomena should only be used as a canon for 1684 the thing in itself. The Ideal, in so far as this expounds the 1685 universal rules of the noumena, can be treated like practical reason. 1686 To avoid all misapprehension, it is necessary to explain that the 1687 thing in itself, then, can be treated like the Antinomies, as we have 1688 already seen. As will easily be shown in the next section, the 1689 noumena have lying before them the things in themselves; by means of 1690 the transcendental unity of apperception, the discipline of practical 1691 reason, even as this relates to the thing in itself, exists in time. 1692 Consequently, the noumena (and let us suppose that this is the case) 1693 prove the validity of the manifold, since knowledge of our sense 1694 perceptions is a priori. This could not be passed over in a complete 1695 system of transcendental philosophy, but in a merely critical essay 1696 the simple mention of the fact may suffice.} 1697

1698 \\_\_kgl\_newpara:n {Our sense perceptions are just as necessary as the 1699 employment of the never-ending regress in the series of empirical 1700 conditions, but our a priori concepts can never, as a whole, furnish a 1701 true and demonstrated science, because, like necessity, they would 1702 thereby be made to contradict problematic principles. What we have 1703 alone been able to show is that our sense perceptions have nothing to 1704 do with, certainly, the Transcendental Deduction. As any dedicated 1705 reader can clearly see, it is obvious that the objects in space and 1706 time constitute the whole content of metaphysics; still, the things in 1707 themselves are the clue to the discovery of pure reason. The Ideal 1708 (and there can be no doubt that this is true) is a representation of 1709 our faculties. The discipline of practical reason is a representation 1710 of, in other words, the Ideal of pure reason. It is not at all 1711 certain that the things in themselves have lying before them the 1712 Antinomies; certainly, the employment of our sense perceptions 1713 abstracts from all content of a priori knowledge. The paralogisms of 1714 pure reason should only be used as a canon for time.} 1715

1716 \\_\_kgl\_newpara:n {By virtue of natural reason, I assert that the 1717 paralogisms, for example, would be falsified; however, our inductive 1718 judgements constitute the whole content of the discipline of natural 1719 reason. The noumena constitute the whole content of the noumena. The 1720 discipline of practical reason can never furnish a true and 1721 demonstrated science, because, like the transcendental aesthetic, it 1722 teaches us nothing whatsoever regarding the content of disjunctive 1723 principles. The paralogisms of pure reason (and what we have alone 1724 been able to show is that this is the case) constitute the whole 1725 content of our a posteriori concepts; certainly, the noumena should 1726 only be used as a canon for the manifold. Natural causes, 1727 consequently, are the mere results of the power of the thing in 1728 itself, a blind but indispensable function of the soul. Since 1729 knowledge of the objects in space and time is a posteriori, let us 1730 suppose that our sense perceptions constitute the whole content of the 1731 things in themselves; by means of philosophy, the architectonic of 1732 pure reason is a representation of time. Since none of our sense 1733 perceptions are inductive, we can deduce that the manifold abstracts 1734 from all content of knowledge; on the other hand, our faculties should 1735 only be used as a canon for the pure employment of the Categories.} 1736

1737 \\_\_kgl\_newpara:n {Aristotle tells us that our ideas have lying before 1738 them the phenomena. In the study of the employment of the objects in 1739 space and time, it is not at all certain that the transcendental 1740 aesthetic teaches us nothing whatsoever regarding the content of, so 1741 regarded, our experience, as is shown in the writings of Hume. The 1742 Categories, indeed, are the mere results of the power of metaphysics, 1743 a blind but indispensable function of the soul, since some of the 1744 noumena are a posteriori. We can deduce that the objects in space and 1745 time are a representation of the objects in space and time, as will 1746 easily be shown in the next section. By virtue of pure reason, let us 1747 suppose that our experience may not contradict itself, but it is still 1748 possible that it may be in contradictions with, in respect of the 1749 intelligible character, the transcendental unity of apperception; 1750 however, the transcendental objects in space and time have lying  ${\scriptstyle 1751}$  before them the employment of the Transcendental Deduction. Because 1752 of our necessary ignorance of the conditions, the reader should be 1753 careful to observe that, indeed, the transcendental aesthetic, still, 1754 exists in natural causes.}

1756 \\_kgl\_newpara:n {Since none of the objects in space and time are 1757 analytic, it remains a mystery why, in the full sense of these terms, 1758 the objects in space and time have lying before them the Categories, 1759 and our ideas (and let us suppose that this is the case) have lying 1760 before them our problematic judgements. In the study of our 1761 understanding, there can be no doubt that necessity (and it is obvious 1762 that this is true) is a representation of the architectonic of natural 1763 reason, as is proven in the ontological manuals. Since knowledge of 1764 the Antinomies is a posteriori, our faculties would thereby be made to 1765 contradict our sense perceptions. As will easily be shown in the next 1766 section, the never-ending regress in the series of empirical 1767 conditions, in the case of our experience, can be treated like the 1768 phenomena, and the Categories exclude the possibility of, thus, our 1769 knowledge. In which of our cognitive faculties are natural causes and 1770 the objects in space and time connected together? Still, the 1771 Transcendental Deduction stands in need of natural reason. There can

1772 be no doubt that the manifold, when thus treated as the things in 1773 themselves, is by its very nature contradictory.} 1774  $\sum kgl_newpara:n$  {As I have elsewhere shown, the never-ending regress in 1775 1776 the series of empirical conditions, in the study of the never-ending 1777 regress in the series of empirical conditions, occupies part of the 1778 sphere of the Transcendental Deduction concerning the existence of the 1779 objects in space and time in general, by means of analytic unity. Our 1780 faculties (and it remains a mystery why this is the case) can not take 1781 account of the discipline of pure reason. As will easily be shown in 1782 the next section, Hume tells us that the phenomena are just as 1783 necessary as, consequently, necessity; for these reasons, formal 1784 logic, that is to say, excludes the possibility of applied logic. As 1785 is shown in the writings of Galileo, I assert, still, that, indeed, 1786 the Ideal, for example, is a body of demonstrated science, and some of 1787 it must be known a priori. As is shown in the writings of Hume, the 1788 never-ending regress in the series of empirical conditions, when thus treated as the objects in space and time, constitutes the whole 1789 1790 content for the Ideal.} 1791 1792 \\_\_kgl\_newpara:n {It is not at all certain that, so far as regards the  ${\scriptstyle 1793}$  manifold and our ideas, the Categories are just as necessary as, in 1794 the study of the architectonic of pure reason, the discipline of human 1795 reason. It must not be supposed that metaphysics is the mere result 1796 of the power of the Ideal of practical reason, a blind but 1797 indispensable function of the soul; in the study of human reason, the 1798 phenomena are a representation of metaphysics. Our understanding 1799 proves the validity of the transcendental unity of apperception; 1800 therefore, human reason depends on natural causes. In the study of 1801 the architectonic of natural reason, what we have alone been able to 1802 show is that our judgements constitute the whole content of, on the 1803 other hand, our inductive judgements, as we have already seen. } 1804 1806 canon for the phenomena. By means of analysis, to avoid all 1807 misapprehension, it is necessary to explain that the noumena are just 1808 as necessary as pure logic; however, natural causes exist in the Ideal 1809 of natural reason. As I have elsewhere shown, the Categories have 1810 lying before them our a priori knowledge, as is proven in the 1811 ontological manuals. I assert that the Transcendental Deduction, 1812 irrespective of all empirical conditions, can not take account of the 1813 Ideal of practical reason. (The noumena would thereby be made to 1814 contradict necessity, because of our necessary ignorance of the 1815 conditions.) The Categories are the clue to the discovery of our 1816 experience, yet our concepts, in view of these considerations, occupy 1817 part of the sphere of our experience concerning the existence of the 1818 noumena in general. As is proven in the ontological manuals, Galileo 1819 tells us that space, in respect of the intelligible character, can 1820 never furnish a true and demonstrated science, because, like 1821 philosophy, it has lying before it speculative principles. This is 1822 the sense in which it is to be understood in this work.} 1823 1824 \\_\_kgl\_newpara:n {Still, the Ideal is what first gives rise to, when

1825 thus treated as our ideas, the transcendental aesthetic. As any

1826 dedicated reader can clearly see, it is obvious that natural causes 1827 exclude the possibility of natural causes; therefore, metaphysics is a 1828 body of demonstrated science, and some of it must be known a 1829 posteriori. I assert, as I have elsewhere shown, that the discipline 1830 of human reason constitutes the whole content for our a priori 1831 concepts, as is evident upon close examination. I assert that, on the 1832 contrary, our understanding occupies part of the sphere of formal 1833 logic concerning the existence of the objects in space and time in 1834 general. It must not be supposed that, so regarded, the paralogisms 1835 of practical reason abstract from all content of a priori knowledge.  $_{\rm 1836}$  Whence comes the Ideal of natural reason, the solution of which 1837 involves the relation between our understanding and our judgements? 1838 By means of analysis, to avoid all misapprehension, it is necessary to 1839 explain that time, even as this relates to human reason, can never 1840 furnish a true and demonstrated science, because, like time, it 1841 excludes the possibility of hypothetical principles. As we have 1842 already seen, we can deduce that our faculties, therefore, are the 1843 mere results of the power of the transcendental unity of apperception, 1844 a blind but indispensable function of the soul; by means of the 1845 manifold, time is the key to understanding space. By virtue of human 1846 reason, our speculative judgements have nothing to do with the Ideal.} 1847

1848 \\_\_kgl\_newpara:n {Transcendental logic constitutes the whole content 1849 for, for example, the never-ending regress in the series of empirical 1850 conditions. It remains a mystery why, even as this relates to time, 1851 the Ideal excludes the possibility of the Categories, but natural 1852 reason, then, can never furnish a true and demonstrated science, 1853 because, like the thing in itself, it is the key to understanding a 1854 posteriori principles. What we have alone been able to show is that 1855 the Transcendental Deduction is what first gives rise to the 1856 Categories. As is proven in the ontological manuals, it is not at all 1857 certain that, so far as I know, the Transcendental Deduction teaches 1858 us nothing whatsoever regarding the content of, with the sole 1859 exception of the never-ending regress in the series of empirical 1860 conditions, natural causes, but the objects in space and time are the 1861 clue to the discovery of the objects in space and time. The objects 1862 in space and time are the clue to the discovery of the phenomena. The 1863 transcendental aesthetic, in the case of metaphysics, can be treated 1864 like necessity; for these reasons, the noumena exclude the possibility 1865 of the Ideal.}

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1867 \\_\_kgl\_newpara:n {The reader should be careful to observe that our a 1868 posteriori knowledge has lying before it the Categories, as is shown 1869 in the writings of Galileo. Thus, the Categories are the mere results 1870 of the power of space, a blind but indispensable function of the soul. 1871 In view of these considerations, it is obvious that the Categories are 1872 just as necessary as, however, the never-ending regress in the series 1873 of empirical conditions, as any dedicated reader can clearly see. 1874 Because of the relation between the Ideal of human reason and the 1875 objects in space and time, the empirical objects in space and time 1876 have lying before them natural causes; still, our experience (and it 1877 must not be supposed that this is true) depends on the Transcendental 1878 Deduction. Because of the relation between the employment of the 1879 Transcendental Deduction and the Antinomies, pure logic occupies part 1880 of the sphere of necessity concerning the existence of the objects in 1881 space and time in general; however, the things in themselves, still, 1882 stand in need to our judgements. The Transcendental Deduction proves 1883 the validity of the things in themselves, and our sense perceptions 1884 would thereby be made to contradict our understanding.} 1885

\\_\_kgl\_newpara:n {As is proven in the ontological manuals, Galileo tells 1886 1887 us that natural causes, so far as regards necessity, can never, as a 1888 whole, furnish a true and demonstrated science, because, like the 1889 manifold, they prove the validity of ampliative principles. Let us 1890 suppose that, in particular, the Ideal of human reason is a body of 1891 demonstrated science, and all of it must be known a posteriori. As is 1892 proven in the ontological manuals, our faculties, consequently, are 1893 the mere results of the power of human reason, a blind but 1894 indispensable function of the soul, but the noumena can never, as a 1895 whole, furnish a true and demonstrated science, because, like space, 1896 they would thereby be made to contradict analytic principles. As is 1897 shown in the writings of Hume, the intelligible objects in space and 1898 time, in the study of the never-ending regress in the series of 1899 empirical conditions, stand in need to our experience. On the other 1900 hand, Galileo tells us that formal logic is by its very nature 1901 contradictory. With the sole exception of the architectonic of 1902 natural reason, there can be no doubt that our understanding would be 1903 falsified. This is what chiefly concerns us.}

1905 \\_\_kgl\_newpara:n {Because of the relation between philosophy and the 1906 objects in space and time, the Categories, in all theoretical 1907 sciences, are by their very nature contradictory. What we have alone 1908 been able to show is that our knowledge is a representation of the 1909 Categories. With the sole exception of the practical employment of 1910 the noumena, what we have alone been able to show is that the objects 1911 in space and time would thereby be made to contradict the discipline 1912 of pure reason, because of the relation between the manifold and our 1913 ideas. The reader should be careful to observe that, then, the 1914 Categories are by their very nature contradictory, but space is the 1915 mere result of the power of the discipline of practical reason, a 1916 blind but indispensable function of the soul. The noumena are by 1917 their very nature contradictory. As any dedicated reader can clearly 1918 see, to avoid all misapprehension, it is necessary to explain that the 1919 architectonic of human reason, on the contrary, excludes the 1920 possibility of the paralogisms. The thing in itself, in view of these 1921 considerations, is by its very nature contradictory. Let us apply 1922 this to necessity.}

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1924 \\_\_kgl\_newpara:n {As is proven in the ontological manuals, our sense 1925 perceptions, as I have elsewhere shown, should only be used as a canon 1926 for our ideas; in natural theology, the paralogisms, indeed, are by 1927 their very nature contradictory. By virtue of practical reason, the 1928 manifold, on the contrary, excludes the possibility of the 1929 transcendental aesthetic, yet the thing in itself is by its very 1930 nature contradictory. Our sense perceptions are just as necessary as 1931 the Categories. As we have already seen, what we have alone been able 1932 to show is that, in particular, the Ideal of natural reason stands in 1933 need of, that is to say, our knowledge, but necessity is a body of demonstrated science, and none of it must be known a priori. As we have already seen, our judgements, therefore, constitute a body of demonstrated doctrine, and all of this body must be known a priori. Galileo tells us that the objects in space and time (and it is not at all certain that this is the case) are a representation of our ideas; still, time, with the sole exception of our experience, can be treated like our sense perceptions. This is what chiefly concerns us. } 1941

1942 \\_\_kgl\_newpara:n {The Categories, as I have elsewhere shown, constitute 1943 the whole content of necessity. The transcendental unity of 1944 apperception is just as necessary as the transcendental objects in 1945 space and time. Consequently, I assert that the thing in itself is a 1946 representation of, in the full sense of these terms, the objects in 1947 space and time, because of the relation between the transcendental 1948 aesthetic and our sense perceptions. The manifold, in particular, can 1949 thereby determine in its totality metaphysics. Our a posteriori 1950 concepts, in the case of our experience, prove the validity of the 1951 transcendental objects in space and time, as will easily be shown in 1952 the next section. There can be no doubt that necessity, even as this 1953 relates to necessity, may not contradict itself, but it is still 1954 possible that it may be in contradictions with the architectonic of 1955 human reason.}

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1957 \\_\_kgl\_newpara:n {Since knowledge of the objects in space and time is a 1958 priori, it remains a mystery why, in reference to ends, the phenomena 1959 prove the validity of the paralogisms. As is proven in the 1960 ontological manuals, the empirical objects in space and time would 1961 thereby be made to contradict the empirical objects in space and time; 1962 in the study of the transcendental unity of apperception, the 1963 Categories exist in our a priori concepts. Because of the relation 1964 between space and our analytic judgements, the reader should be 1965 careful to observe that the Categories (and I assert that this is the 1966 case) can not take account of the discipline of pure reason; in the 1967 study of the never-ending regress in the series of empirical 1968 conditions, the transcendental aesthetic can never furnish a true and 1969 demonstrated science, because, like the Ideal, it is just as necessary 1970 as problematic principles. In the case of general logic, space (and 1971 it is obvious that this is true) is just as necessary as the things in 1972 themselves. By means of analytic unity, I assert, in view of these 1973 considerations, that, irrespective of all empirical conditions, our 1974 speculative judgements (and it is obvious that this is the case) are 1975 what first give rise to the Antinomies. As will easily be shown in 1976 the next section, it remains a mystery why our ideas would thereby be 1977 made to contradict our judgements; therefore, our sense perceptions, 1978 certainly, exclude the possibility of the noumena. As is shown in the 1979 writings of Galileo, the objects in space and time exclude the 1980 possibility of our ideas; thus, the objects in space and time, for 1981 these reasons, are the clue to the discovery of the Antinomies.} 1982

1983 \\_\_kgl\_newpara:n {With the sole exception of the never-ending regress in 1984 the series of empirical conditions, it is not at all certain that the 1985 noumena, in so far as this expounds the practical rules of the 1986 paralogisms of pure reason, can never, as a whole, furnish a true and 1987 demonstrated science, because, like the transcendental aesthetic, they are just as necessary as ampliative principles, as will easily be shown in the next section. As is evident upon close examination, the objects in space and time constitute a body of demonstrated doctrine, and all of this body must be known a posteriori, but the architectonic of practical reason would be falsified. Because of our necessary ignorance of the conditions, it is not at all certain that, then, our understanding proves the validity of, on the contrary, formal logic. With the sole exception of the Ideal of natural reason, the Categories exist in the paralogisms, since knowledge of the Antinomies is a posteriori. Since knowledge of our ideas is a priori, it must not be supposed that the manifold, as I have elsewhere shown, abstracts from all content of knowledge; in the study of the Ideal of practical reason, our concepts are the clue to the discovery of our experience.}

2002 \\_\_kgl\_newpara:n {What we have alone been able to show is that the 2003 Categories would be falsified. Consequently, there can be no doubt 2004 that the noumena can not take account of, even as this relates to 2005 philosophy, the Antinomies, as any dedicated reader can clearly see. 2006 Our judgements (and I assert that this is the case) are what first 2007 give rise to the never-ending regress in the series of empirical  $_{\rm 2008}$  conditions. It is not at all certain that, in the full sense of these 2009 terms, the objects in space and time stand in need to the Ideal of 2010 pure reason, yet the Transcendental Deduction, in reference to ends, 2011 is just as necessary as the Ideal. Has it ever been suggested that it 2012 must not be supposed that there is a causal connection bewteen the 2013 transcendental objects in space and time and the discipline of natural 2014 reason? As will easily be shown in the next section, it is not at all 2015 certain that the noumena can not take account of the Transcendental 2016 Deduction. By virtue of human reason, I assert, in the study of the 2017 manifold, that, indeed, the objects in space and time have lying 2018 before them our faculties, and the architectonic of natural reason 2019 stands in need of the things in themselves.} 2020

2021 \\_\_kgl\_newpara:n {By means of analytic unity, the objects in space and 2022 time (and there can be no doubt that this is the case) constitute the 2023 whole content of the Antinomies, but our ideas have lying before them 2024 the noumena. The Ideal is the key to understanding, that is to say, 2025 the things in themselves. By means of analytic unity, our judgements 2026 (and what we have alone been able to show is that this is the case) 2027 have lying before them the Transcendental Deduction. Aristotle tells 2028 us that metaphysics, in the study of the Ideal of practical reason, 2029 occupies part of the sphere of applied logic concerning the existence 2030 of the paralogisms in general; certainly, metaphysics can not take 2031 account of necessity. But can I entertain human reason in thought, or 2032 does it present itself to me? The things in themselves stand in need 2033 to natural causes, by means of analytic unity. Since knowledge of 2034 natural causes is a posteriori, the empirical objects in space and 2035 time have nothing to do with philosophy. The divisions are thus 2036 provided; all that is required is to fill them.} 2037

2038 \\_\_kgl\_newpara:n {In view of these considerations, the noumena would 2039 thereby be made to contradict, in view of these considerations, the 2040 paralogisms of natural reason. Because of the relation between the 2041 discipline of pure reason and our sense perceptions, we can deduce 2042 that, on the contrary, the Categories are just as necessary as natural 2043 causes, and metaphysics, in the full sense of these terms, can never 2044 furnish a true and demonstrated science, because, like the 2045 transcendental unity of apperception, it is the clue to the discovery 2046 of speculative principles. We can deduce that natural causes, still, 2047 are by their very nature contradictory, as we have already seen. As 2048 we have already seen, to avoid all misapprehension, it is necessary to 2049 explain that, so far as I know, the objects in space and time, for 2050 these reasons, are the clue to the discovery of the Ideal of human 2051 reason. The reader should be careful to observe that the manifold, 2052 irrespective of all empirical conditions, is by its very nature 2053 contradictory. }

2055 \\_\_kgl\_newpara:n {The reader should be careful to observe that natural 2056 causes (and to avoid all misapprehension, it is necessary to explain 2057 that this is the case) have lying before them necessity. We can 2058 deduce that our a priori knowledge (and Galileo tells us that this is 2059 true) depends on the employment of the never-ending regress in the 2060 series of empirical conditions. It remains a mystery why the 2061 paralogisms of practical reason, for these reasons, exist in the 2062 never-ending regress in the series of empirical conditions, because of 2063 the relation between the architectonic of pure reason and the 2064 phenomena. Thus, the architectonic of pure reason excludes the 2065 possibility of, on the other hand, the phenomena. And can I entertain 2066 philosophy in thought, or does it present itself to me? Galileo tells 2067 us that, that is to say, the practical employment of the architectonic 2068 of natural reason, with the sole exception of the transcendental 2069 aesthetic, abstracts from all content of knowledge. As is proven in 2070 the ontological manuals, our ideas constitute the whole content of the 2071 objects in space and time, but the objects in space and time (and it 2072 is obvious that this is the case) are the clue to the discovery of the 2073 paralogisms.}

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2075 \\_\_kgl\_newpara:n {As any dedicated reader can clearly see, it is not at 2076 all certain that, on the contrary, the objects in space and time, in 2077 the case of space, stand in need to the objects in space and time, but 2078 the phenomena have lying before them the discipline of human reason. 2079 The never-ending regress in the series of empirical conditions, in 2080 other words, is what first gives rise to general logic. Because of 2081 our necessary ignorance of the conditions, our concepts, so far as 2082 regards the Ideal of human reason, exist in the paralogisms; in the 2003 study of time, the thing in itself is the clue to the discovery of the 2084 manifold. I assert that our experience, in natural theology, 2005 abstracts from all content of a priori knowledge; therefore, our ideas 2086 are what first give rise to the Categories. As is evident upon close 2087 examination, our ideas, for these reasons, can not take account of 2008 philosophy. Has it ever been suggested that what we have alone been 2009 able to show is that there is no relation bewteen the architectonic of 2090 human reason and our sense perceptions? Since all of the noumena are 2091 a priori, the noumena are the mere results of the power of the thing 2092 in itself, a blind but indispensable function of the soul. There can 2093 be no doubt that the empirical objects in space and time constitute a  $_{\rm 2094}$  body of demonstrated doctrine, and none of this body must be known a 2095 posteriori; thus, time is the mere result of the power of the

2096 Transcendental Deduction, a blind but indispensable function of the 2097 soul. But this need not worry us.}

\\_kgl\_newpara:n {Aristotle tells us that, insomuch as the pure 2099 2100 employment of the Categories relies on our ideas, the things in 2101 themselves are just as necessary as, in all theoretical sciences, the 2102 noumena. Therefore, let us suppose that the phenomena occupy part of 2103 the sphere of philosophy concerning the existence of our concepts in 2104 general. In all theoretical sciences, we can deduce that the 2105 architectonic of pure reason is what first gives rise to the 2106 employment of our concepts, by means of analysis. The things in 2107 themselves occupy part of the sphere of the never-ending regress in 2108 the series of empirical conditions concerning the existence of our 2109 sense perceptions in general; thus, metaphysics may not contradict 2110 itself, but it is still possible that it may be in contradictions 2111 with, in other words, the transcendental unity of apperception. By 2112 means of the architectonic of practical reason, our sense perceptions, 2113 irrespective of all empirical conditions, abstract from all content of 2114 knowledge. As is proven in the ontological manuals, metaphysics, so 2115 far as regards the transcendental aesthetic and the intelligible 2116 objects in space and time, is a body of demonstrated science, and none 2117 of it must be known a priori; by means of philosophy, the Categories 2118 are a representation of, in the case of time, the phenomena. As any 2119 dedicated reader can clearly see, the Transcendental Deduction, in 2120 other words, would thereby be made to contradict our understanding; 2121 still, the employment of the noumena is a representation of the 2122 Ideal.}

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2124 \\_\_kgl\_newpara:n {We can deduce that the paralogisms of human reason are 2125 a representation of, in the full sense of these terms, our experience. 2126 The thing in itself, in reference to ends, exists in our judgements. 2127 As is shown in the writings of Aristotle, let us suppose that, in 2128 respect of the intelligible character, the Categories constitute the 2129 whole content of our knowledge, yet metaphysics is a representation of 2130 our judgements. As is evident upon close examination, the paralogisms 2131 would thereby be made to contradict the manifold; therefore, pure 2132 logic is a representation of time. In natural theology, the 2133 discipline of natural reason abstracts from all content of a priori 2134 knowledge. To avoid all misapprehension, it is necessary to explain 2135 that the paralogisms of human reason have lying before them the Ideal 2136 of pure reason, since none of the things in themselves are a priori. 2137 Consequently, it remains a mystery why our concepts abstract from all 2138 content of knowledge, since knowledge of the objects in space and time 2139 is a posteriori.}

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2141 \\_\_kgl\_newpara:n {Because of the relation between practical reason and 2142 our problematic judgements, what we have alone been able to show is 2143 that, in respect of the intelligible character, our faculties, 2144 insomuch as our knowledge relies on the Categories, can be treated 2145 like natural reason. In view of these considerations, the reader 2146 should be careful to observe that the transcendental aesthetic is the 2147 clue to the discovery of, in view of these considerations, the 2148 phenomena. As is evident upon close examination, it remains a mystery 2149 why the objects in space and time occupy part of the sphere of the 2150 never-ending regress in the series of empirical conditions concerning 2151 the existence of the Categories in general; in view of these 2152 considerations, our experience, indeed, stands in need of the 2153 phenomena. (However, the phenomena prove the validity of the Ideal, 2154 by virtue of human reason.) We can deduce that, so regarded, our 2155 faculties (and it remains a mystery why this is the case) are what 2156 first give rise to the architectonic of pure reason. Our ideas can 2157 not take account of, by means of space, our knowledge. But we have 2158 fallen short of the necessary interconnection that we have in mind 2159 when we speak of necessity.}

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2161 \\_\_kgl\_newpara:n {It is not at all certain that space can not take 2162 account of natural causes. The Transcendental Deduction can not take 2163 account of our a priori knowledge; as I have elsewhere shown, the 2164 objects in space and time (and let us suppose that this is the case) 2165 can not take account of the objects in space and time. As is shown in 2166 the writings of Galileo, to avoid all misapprehension, it is necessary 2167 to explain that the Categories have lying before them, as I have 2168 elsewhere shown, our ideas. The Ideal of human reason excludes the 2169 possibility of the Ideal of human reason. By virtue of natural 2170 reason, our ideas stand in need to the Ideal of practical reason. By 2171 means of analysis, the phenomena, in the study of our understanding, 2172 can not take account of the noumena, but the paralogisms of natural 2173 reason, thus, abstract from all content of knowledge. This is not 2174 something we are in a position to establish.}

2176 \\_\_kgl\_newpara:n {Since none of our ideas are inductive, our ideas 2177 constitute the whole content of the paralogisms; consequently, our 2178 faculties can not take account of metaphysics. As will easily be 2179 shown in the next section, the Ideal, in reference to ends, may not 2180 contradict itself, but it is still possible that it may be in 2181 contradictions with the Categories; in all theoretical sciences, the  ${\scriptstyle 2182}$  architectonic of practical reason, in the case of the practical 2183 employment of our experience, can be treated like necessity. Because 2184 of our necessary ignorance of the conditions, the things in themselves 2185 are the mere results of the power of time, a blind but indispensable 2186 function of the soul, and the Transcendental Deduction exists in the 2187 Antinomies. As is proven in the ontological manuals, the thing in 2188 itself (and what we have alone been able to show is that this is true) 2189 constitutes the whole content for time. It remains a mystery why our 2190 understanding (and Aristotle tells us that this is true) may not 2191 contradict itself, but it is still possible that it may be in 2192 contradictions with our judgements; in all theoretical sciences, the 2193 objects in space and time constitute the whole content of our ideas.  $_{\rm 2194}$  Because of our necessary ignorance of the conditions, we can deduce 2195 that, for example, our concepts, for example, are the mere results of 2196 the power of pure reason, a blind but indispensable function of the 2197 soul, yet the objects in space and time, with the sole exception of 2198 the manifold, exist in our ideas.} 2199

2200 \\_\_kgl\_newpara:n {In natural theology, it must not be supposed that the 2201 objects in space and time, so far as regards the manifold, should only 2202 be used as a canon for natural reason. The manifold, so far as 2203 regards our a priori knowledge, teaches us nothing whatsoever 2204 regarding the content of the Transcendental Deduction. By means of 2205 analytic unity, we can deduce that, so far as regards our experience 2206 and the objects in space and time, the objects in space and time would 2207 thereby be made to contradict the Categories, but our concepts can 2208 never, as a whole, furnish a true and demonstrated science, because, 2209 like our experience, they stand in need to ampliative principles. The 2210 noumena, so far as I know, can never, as a whole, furnish a true and 2211 demonstrated science, because, like the employment of the Categories, 2212 they have lying before them ampliative principles, yet the phenomena 2213 are just as necessary as natural causes. The reader should be careful 2214 to observe that, so far as I know, the Ideal has nothing to do with 2215 the Categories, but the things in themselves, however, constitute a 2216 body of demonstrated doctrine, and some of this body must be known a 2217 posteriori. And similarly with all the others.} 2218 2219 \\_\_kgl\_newpara:n {Our speculative judgements, therefore, prove the

2219 V\_\_kgi\_newpara.n (but speculative judgements, therefore, prove the 2220 validity of the transcendental unity of apperception. Necessity is 2221 just as necessary as, that is to say, transcendental logic. The 2222 reader should be careful to observe that the noumena (and it must not 2223 be supposed that this is the case) can not take account of our 2224 faculties, as is shown in the writings of Aristotle. The Ideal (and 2225 to avoid all misapprehension, it is necessary to explain that this is 2226 true) can not take account of the transcendental aesthetic, and the 2227 employment of the manifold has nothing to do with, insomuch as the 2228 architectonic of natural reason relies on the Antinomies, the 229 discipline of human reason. As any dedicated reader can clearly see, 220 the paralogisms prove the validity of, as I have elsewhere shown, the 221 architectonic of pure reason.}

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2233 \\_\_kgl\_newpara:n {Space may not contradict itself, but it is still 2234 possible that it may be in contradictions with, for these reasons, the 2235 phenomena; with the sole exception of metaphysics, our ideas exclude 2236 the possibility of, in natural theology, the thing in itself. What we  ${\scriptstyle 2237}$  have alone been able to show is that, for example, the Ideal excludes  ${\scriptstyle 2238}$  the possibility of time, yet the noumena (and I assert, in view of 2239 these considerations, that this is the case) are just as necessary as 2240 the objects in space and time. Because of the relation between 2241 metaphysics and the paralogisms, the Categories are the mere results 2242 of the power of the discipline of natural reason, a blind but 2243 indispensable function of the soul. The objects in space and time, in 2244 other words, are the mere results of the power of the transcendental 2245 aesthetic, a blind but indispensable function of the soul. Since 2246 knowledge of our faculties is a priori, what we have alone been able 2247 to show is that necessity, in reference to ends, constitutes the whole 2248 content for metaphysics; still, our understanding (and we can deduce 2249 that this is true) excludes the possibility of our experience. As 2250 will easily be shown in the next section, it must not be supposed 2251 that, even as this relates to philosophy, the phenomena (and I assert, 2252 with the sole exception of metaphysics, that this is the case) are a 2253 representation of the objects in space and time, but the Antinomies 2254 should only be used as a canon for our knowledge. But we have fallen 2255 short of the necessary interconnection that we have in mind when we 2256 speak of necessity.}

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2258 \\_\_kgl\_newpara:n {The objects in space and time are the mere results of 2259 the power of metaphysics, a blind but indispensable function of the 2260 soul; in the study of our a posteriori knowledge, the manifold, so far 2261 as I know, proves the validity of the Ideal. Hume tells us that, so 2262 far as regards time, the phenomena, in view of these considerations, 2263 stand in need to the thing in itself. There can be no doubt that the 2264 things in themselves, in respect of the intelligible character, can be 2265 treated like our ideas; as I have elsewhere shown, our concepts have 2266 lying before them the phenomena. As is proven in the ontological 2267 manuals, there can be no doubt that the phenomena, in all theoretical 2268 sciences, constitute a body of demonstrated doctrine, and none of this 2269 body must be known a priori. As is evident upon close examination,  ${\scriptstyle 2270}$  the architectonic of natural reason, so regarded, is by its very 2271 nature contradictory; for these reasons, the phenomena are a 2272 representation of time. In natural theology, the Antinomies (and it 2273 remains a mystery why this is the case) constitute the whole content 2274 of the Categories, because of our necessary ignorance of the 2275 conditions. But we have fallen short of the necessary interconnection 2276 that we have in mind when we speak of the Categories.} 2277

2278 \\_\_kgl\_newpara:n {Because of our necessary ignorance of the conditions, 2279 it is not at all certain that, for example, the thing in itself (and 2200 the reader should be careful to observe that this is true) can not 2201 take account of our experience, and our concepts, in all theoretical 2202 sciences, are a representation of the phenomena. Since some of the 2203 phenomena are problematic, Hume tells us that metaphysics has lying 2204 before it, however, natural causes. By virtue of natural reason, 2205 Aristotle tells us that the things in themselves, therefore, should 2206 only be used as a canon for our a posteriori judgements. Our 2207 understanding can be treated like the transcendental unity of 2208 apperception. The Categories can be treated like space.} 2209

2290 \\_\_kgl\_newpara:n {Since some of our sense perceptions are hypothetical, 2291 philosophy proves the validity of natural causes; on the other hand, 2292 our experience, in other words, can never furnish a true and  $_{\ensuremath{\text{2293}}}$  demonstrated science, because, like our experience, it depends on 2294 synthetic principles. Natural causes, in natural theology, constitute 2295 a body of demonstrated doctrine, and all of this body must be known a 2296 priori. What we have alone been able to show is that philosophy is a 2297 representation of our concepts, as will easily be shown in the next 2298 section. The Ideal may not contradict itself, but it is still 2299 possible that it may be in contradictions with, in the study of the 2300 transcendental aesthetic, our sense perceptions. (As is shown in the 2301 writings of Galileo, the reader should be careful to observe that the 2302 objects in space and time, by means of necessity, are by their very 2303 nature contradictory.) The Antinomies can not take account of our 2304 experience, by virtue of natural reason. Therefore, the noumena, in 2305 view of these considerations, are by their very nature contradictory, 2306 as will easily be shown in the next section.} 2307

2308 \\_\_kgl\_newpara:n {On the other hand, the never-ending regress in the 2309 series of empirical conditions stands in need of practical reason. As 2310 will easily be shown in the next section, there can be no doubt that, 2311 in so far as this expounds the contradictory rules of the discipline 2312 of natural reason, metaphysics can be treated like metaphysics. As is 2313 shown in the writings of Hume, what we have alone been able to show is 2314 that the never-ending regress in the series of empirical conditions 2315 would be falsified. Our experience can be treated like the 2316 architectonic of human reason, as is shown in the writings of Galileo. 2317 The thing in itself proves the validity of the phenomena, as is shown 2318 in the writings of Hume. Certainly, what we have alone been able to 2319 show is that natural causes, in reference to ends, would be falsified. 2320 But this need not worry us.}

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2322 \\_\_kgl\_newpara:n {Since some of the objects in space and time are 2323 speculative, let us suppose that our sense perceptions are the clue to 2324 the discovery of, in particular, our a posteriori knowledge. Since 2325 knowledge of the transcendental objects in space and time is a 2326 posteriori, what we have alone been able to show is that our a 2327 posteriori concepts exclude the possibility of the never-ending 2328 regress in the series of empirical conditions; by means of the 2329 discipline of pure reason, our faculties are the clue to the discovery 2330 of our a priori knowledge. Because of the relation between the 2331 transcendental unity of apperception and the things in themselves, 2332 there can be no doubt that our sense perceptions (and it is obvious  ${\scriptstyle 2333}$  that this is the case) are what first give rise to the Categories. To 2334 avoid all misapprehension, it is necessary to explain that the 2335 phenomena can not take account of, with the sole exception of the 2336 transcendental unity of apperception, the noumena. Certainly, the 2337 things in themselves are by their very nature contradictory, as is 2338 shown in the writings of Galileo. Because of our necessary ignorance 2339 of the conditions, we can deduce that, then, the thing in itself 2340 constitutes the whole content for, still, the intelligible objects in 2341 space and time, and space is the clue to the discovery of, in 2342 particular, our a posteriori concepts. }

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 $_{2344} \sum_{kgl_newpara:n} {The Ideal of human reason has nothing to do with time.}$ 2345 As we have already seen, Aristotle tells us that, so far as regards 2346 the Transcendental Deduction, the transcendental aesthetic, insomuch 2347 as the practical employment of the never-ending regress in the series 2348 of empirical conditions relies on the things in themselves, can never 2349 furnish a true and demonstrated science, because, like the 2350 transcendental unity of apperception, it excludes the possibility of 2351 speculative principles, and the Ideal is a representation of our 2352 experience. Because of our necessary ignorance of the conditions, the 2353 phenomena (and Aristotle tells us that this is the case) are the clue 2354 to the discovery of our speculative judgements; in all theoretical 2355 sciences, our understanding, when thus treated as the noumena, is a 2356 body of demonstrated science, and some of it must be known a priori. 2357 We can deduce that our knowledge, for example, exists in the 2358 transcendental unity of apperception. Consequently, I assert, by 2359 means of general logic, that the transcendental unity of apperception 2360 teaches us nothing whatsoever regarding the content of, consequently, 2361 the Antinomies, because of our necessary ignorance of the conditions.} 2362

and the paralogisms of natural reason should only be used as a canon for our judgements. Still, I assert that the objects in space and time have lying before them, by means of transcendental logic, the Transcendental Deduction. Our faculties can be treated like our experience; thus, our ideas have lying before them the objects in space and time. Our judgements constitute a body of demonstrated doctrine, and none of this body must be known a posteriori. Time can doctrine, and none of the noumena proves the validity of, certainly, see, the employment of the noumena proves the validity of, certainly, human reason, and space excludes the possibility of general logic. Let us suppose that, indeed, the Ideal of pure reason, even as this relates to our a priori knowledge, is the key to understanding the Antinomies, yet the employment of the pure employment of our a posteriori concepts is what first gives rise to, in all theoretical sciences, the noumena.}

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2382 \\_\_kgl\_newpara:n {Since knowledge of natural causes is a posteriori, it 2383 is obvious that the transcendental unity of apperception is the mere 2384 result of the power of the never-ending regress in the series of 2385 empirical conditions, a blind but indispensable function of the soul; 2386 in all theoretical sciences, natural causes exclude the possibility of  ${\scriptstyle \tt 2387}$  the noumena. Let us suppose that the transcendental objects in space 2388 and time would thereby be made to contradict, so regarded, natural 2389 causes. There can be no doubt that our understanding is the clue to 2390 the discovery of the Ideal. Because of the relation between the Ideal 2391 of pure reason and the Antinomies, the transcendental unity of 2392 apperception, as I have elsewhere shown, can be treated like the 2393 paralogisms, yet the phenomena are the clue to the discovery of the 2394 Ideal. As I have elsewhere shown, I assert, in view of these 2395 considerations, that our faculties, even as this relates to the thing 2396 in itself, occupy part of the sphere of the Transcendental Deduction 2397 concerning the existence of the Categories in general.} 2398

 $_{\rm 2399}$  \\_\_kgl\_newpara:n {As we have already seen, it is not at all certain 2400 that, that is to say, the Transcendental Deduction is the clue to the 2401 discovery of, in particular, our knowledge, yet the thing in itself 2402 would thereby be made to contradict our faculties. As is proven in 2403 the ontological manuals, it is obvious that, when thus treated as our 2404 understanding, the Categories have nothing to do with our 2405 understanding, yet the never-ending regress in the series of empirical 2406 conditions occupies part of the sphere of the architectonic of human 2407 reason concerning the existence of the paralogisms in general. As 2408 will easily be shown in the next section, general logic has nothing to 2409 do with, in the full sense of these terms, the discipline of pure 2410 reason. As is evident upon close examination, the Ideal of human 2411 reason may not contradict itself, but it is still possible that it may 2412 be in contradictions with the Antinomies. As will easily be shown in 2413 the next section, the reader should be careful to observe that, even 2414 as this relates to the transcendental unity of apperception, the 2415 Categories, certainly, should only be used as a canon for the thing in 2416 itself. This is not something we are in a position to establish.} 2417

2418 \\_\_kgl\_newpara:n {It is obvious that space depends on the things in 2419 themselves. There can be no doubt that, in particular, the Ideal, in 2420 so far as this expounds the practical rules of the phenomena, is just 2421 as necessary as the transcendental unity of apperception. There can 2422 be no doubt that the manifold can not take account of, so far as 2423 regards the architectonic of human reason, the things in themselves. 2424 Thus, it remains a mystery why space depends on the manifold. To 2425 avoid all misapprehension, it is necessary to explain that our 2426 understanding (and to avoid all misapprehension, it is necessary to 2427 explain that this is true) is a representation of the Antinomies.}

2429 \\_\_kgl\_newpara:n {By virtue of natural reason, the Antinomies are a 2430 representation of metaphysics; in the case of the practical employment 2431 of the transcendental aesthetic, the Categories are by their very  $_{\rm 2432}$  nature contradictory. It is not at all certain that the phenomena 2433 have lying before them the objects in space and time, because of our 2434 necessary ignorance of the conditions. Because of the relation 2435 between applied logic and our faculties, it remains a mystery why our 2436 ideas, consequently, exclude the possibility of philosophy; however, 2437 the things in themselves prove the validity of, in the case of 2438 metaphysics, the phenomena. By means of the transcendental aesthetic, 2439 let us suppose that our ideas constitute a body of demonstrated 2440 doctrine, and all of this body must be known a priori. Since all of 2441 the objects in space and time are hypothetical, metaphysics is the key 2442 to understanding the paralogisms, yet the Transcendental Deduction has 2443 nothing to do with our a posteriori knowledge. There can be no doubt 2444 that metaphysics is a representation of the transcendental unity of 2445 apperception, as any dedicated reader can clearly see.} 2446

2447 \\_\_kgl\_newpara:n {There can be no doubt that our concepts, in accordance 2446 with the principles of the noumena, are by their very nature 2449 contradictory, as is shown in the writings of Galileo. Space is what 2450 first gives rise to, in other words, the Antinomies, and space depends 2451 on the Ideal. Because of our necessary ignorance of the conditions, 2452 our experience, indeed, proves the validity of the noumena. Hume 2453 tells us that the phenomena can not take account of transcendental 2454 logic. The objects in space and time, thus, exist in the manifold. 2455 In which of our cognitive faculties are the manifold and the 2456 Categories connected together? As will easily be shown in the next 2457 section, to avoid all misapprehension, it is necessary to explain that 2458 metaphysics, on the contrary, occupies part of the sphere of the thing 2459 in itself concerning the existence of our synthetic judgements in 2460 general.}

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2462 \\_\_kgl\_newpara:n {As is evident upon close examination, I assert that, 2463 so far as regards metaphysics, our knowledge proves the validity of, 2464 on the contrary, the manifold, yet the objects in space and time are 2465 what first give rise to, in the study of formal logic, the paralogisms 2466 of pure reason. As will easily be shown in the next section, I 2467 assert, in all theoretical sciences, that our understanding (and the 2468 reader should be careful to observe that this is true) can not take 2469 account of our sense perceptions. Because of the relation between the 2470 Transcendental Deduction and our a priori concepts, the phenomena are 2471 what first give rise to the intelligible objects in space and time, 2472 and natural causes, indeed, abstract from all content of a priori 2473 knowledge. By means of analysis, Galileo tells us that the Ideal has 2474 lying before it, on the contrary, our sense perceptions. I assert, 2475 for these reasons, that our knowledge stands in need of the things in 2476 themselves, since knowledge of our faculties is a priori. But this is 2477 to be dismissed as random groping.}

\\_\_kgl\_newpara:n {Our understanding can not take account of our 2479 2480 faculties; certainly, the never-ending regress in the series of 2481 empirical conditions is what first gives rise to, therefore, the 2482 things in themselves. It is not at all certain that, then, time 2483 occupies part of the sphere of the Transcendental Deduction concerning 2484 the existence of the paralogisms of practical reason in general. We  $_{\rm 2485}$  can deduce that the thing in itself, on the other hand, abstracts from 2486 all content of knowledge. On the other hand, our a priori knowledge 2487 has lying before it the practical employment of the Antinomies. The 2488 employment of our sense perceptions is what first gives rise to the 2489 Antinomies, but the Categories, for these reasons, are by their very 2490 nature contradictory. In natural theology, it is not at all certain 2491 that our sense perceptions can not take account of our knowledge, by 2492 means of analysis. Thus, the Categories would thereby be made to 2493 contradict the things in themselves, as any dedicated reader can 2494 clearly see.}

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2496 \\_\_kgl\_newpara:n {The things in themselves are just as necessary as the 2497 never-ending regress in the series of empirical conditions. As any 2498 dedicated reader can clearly see, the architectonic of natural reason (and it remains a mystery why this is true) can thereby determine in 2500 its totality general logic. As will easily be shown in the next 2501 section, natural causes are a representation of, on the contrary, the 2502 Ideal of pure reason; as I have elsewhere shown, the things in 2503 themselves, in particular, constitute a body of demonstrated doctrine, 2504 and none of this body must be known a priori. As we have already 2505 seen, our ideas are the clue to the discovery of our faculties.  $_{\rm 2506}$  Whence comes applied logic, the solution of which involves the 2507 relation between the noumena and the Transcendental Deduction? 2508 Therefore, it is obvious that the empirical objects in space and time 2509 can not take account of the noumena, because of our necessary 2510 ignorance of the conditions. It is not at all certain that the 2511 manifold stands in need of, for these reasons, the Antinomies, by 2512 virtue of human reason.}

2514 \\_\_kgl\_newpara:n {By virtue of practical reason, there can be no doubt 2515 that our experience, still, occupies part of the sphere of the 2516 manifold concerning the existence of our analytic judgements in 2517 general; as I have elsewhere shown, the Categories can never, as a 2518 whole, furnish a true and demonstrated science, because, like the 2519 never-ending regress in the series of empirical conditions, they are a 2520 representation of synthetic principles. As is proven in the 2521 ontological manuals, the Categories are what first give rise to, 2522 consequently, our faculties. We can deduce that, insomuch as the 2523 discipline of practical reason relies on our ideas, necessity can be 2524 treated like the thing in itself, yet the noumena can never, as a 2525 whole, furnish a true and demonstrated science, because, like time, 2526 they are a representation of problematic principles. However, let us 2527 suppose that the things in themselves are the clue to the discovery of, consequently, our judgements, as we have already seen. Whence comes time, the solution of which involves the relation between the phenomena and the noumena? In the study of our experience, I assert that the Ideal can not take account of the discipline of practical reason, as is proven in the ontological manuals. The reader should be careful to observe that the phenomena are what first give rise to the Categories, by virtue of natural reason. As is proven in the ontological manuals, the Ideal is a body of demonstrated science, and some of it must be known a priori. This may be clear with an example.}

2538 2539 \\_\_kgl\_newpara:n {The transcendental unity of apperception, so far as 2540 regards the Ideal of practical reason and the noumena, abstracts from 2541 all content of a posteriori knowledge, by virtue of human reason. To 2542 avoid all misapprehension, it is necessary to explain that, that is to 2543 say, our inductive judgements have nothing to do with, in the case of 2544 the discipline of human reason, the things in themselves, and the 2545 paralogisms of natural reason are the clue to the discovery of the 2546 Transcendental Deduction. It remains a mystery why the noumena, in 2547 natural theology, would be falsified; however, the things in 2548 themselves can not take account of the thing in itself. As any 2549 dedicated reader can clearly see, philosophy, in the study of the 2550 thing in itself, can never furnish a true and demonstrated science, 2551 because, like the Ideal of practical reason, it proves the validity of 2552 inductive principles, but our sense perceptions, with the sole 2553 exception of necessity, are the clue to the discovery of the 2554 transcendental unity of apperception. Let us suppose that the 2555 Categories can never, as a whole, furnish a true and demonstrated 2556 science, because, like the employment of philosophy, they have nothing 2557 to do with hypothetical principles. Our ideas have nothing to do with 2558 the transcendental aesthetic.}

2560 \\_\_kgl\_newpara:n {In the case of philosophy, the Transcendental 2611 Deduction proves the validity of necessity, by means of analysis. Our 2622 sense perceptions have lying before them, certainly, our experience. 2633 There can be no doubt that space (and it remains a mystery why this is 2644 true) stands in need of the noumena. As I have elsewhere shown, the 2655 transcendental unity of apperception has lying before it, irrespective 2666 of all empirical conditions, the Transcendental Deduction. The 2677 objects in space and time are the clue to the discovery of our 2688 faculties, but the thing in itself, in accordance with the principles 2699 of our experience, can be treated like the paralogisms. As is proven 2600 in the ontological manuals, space has nothing to do with, thus, our 2619 ideas, yet the things in themselves, in natural theology, can be 2619 treated like the transcendental aesthetic.}

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2574 \\_\_kgl\_newpara:n {As is shown in the writings of Galileo, it remains a 2575 mystery why, so far as I know, the phenomena are the mere results of 2576 the power of the Ideal of pure reason, a blind but indispensable 2577 function of the soul, but the paralogisms (and there can be no doubt 2578 that this is the case) exclude the possibility of the transcendental 2579 aesthetic. Our experience, in accordance with the principles of 2580 transcendental logic, occupies part of the sphere of the manifold 2581 concerning the existence of the Categories in general. Our sense 2582 perceptions can not take account of the Ideal, by virtue of natural 2583 reason. Because of our necessary ignorance of the conditions, the 2584 objects in space and time (and to avoid all misapprehension, it is 2585 necessary to explain that this is the case) would thereby be made to 2586 contradict the pure employment of space; in the case of the discipline 2587 of human reason, the Antinomies exclude the possibility of the 2588 transcendental aesthetic. Has it ever been suggested that, as we have 2589 already seen, it remains a mystery why there is a causal connection 2590 bewteen the Ideal of human reason and the Ideal of human reason? What 2591 we have alone been able to show is that the Antinomies, for these 2592 reasons, stand in need to our judgements. Let us suppose that, in  $_{\rm 2593}$  accordance with the principles of the Ideal of practical reason, the <sup>2594</sup> Antinomies prove the validity of space, but natural causes (and I 2595 assert, for these reasons, that this is the case) would thereby be 2596 made to contradict the transcendental unity of apperception. But the 2597 proof of this is a task from which we can here be absolved. 2598

2599 \\_\_kgl\_newpara:n {As is shown in the writings of Hume, the noumena 2600 should only be used as a canon for the Categories. As is proven in 2601 the ontological manuals, our sense perceptions, consequently, are by 2602 their very nature contradictory; therefore, our experience (and it 2603 must not be supposed that this is true) may not contradict itself, but 2604 it is still possible that it may be in contradictions with the 2605 architectonic of practical reason. We can deduce that the Categories 2606 would thereby be made to contradict pure logic; for these reasons, 2607 space is by its very nature contradictory. Formal logic is a 2608 representation of our faculties. Metaphysics, insomuch as time relies 2609 on the Antinomies, stands in need of space. Let us suppose that the 2610 Antinomies constitute the whole content of our a priori concepts; on 2611 the other hand, the Ideal of natural reason (and there can be no doubt 2612 that this is true) is a representation of the manifold.}

2614 \\_\_kgl\_newpara:n {I assert, certainly, that, irrespective of all 2615 empirical conditions, the Categories are just as necessary as, on the 2616 other hand, the thing in itself, yet the manifold proves the validity 2617 of, on the other hand, the employment of the transcendental unity of 2618 apperception. As is proven in the ontological manuals, the 2619 never-ending regress in the series of empirical conditions exists in 2620 the architectonic of practical reason. As is evident upon close 2621 examination, it remains a mystery why the things in themselves have 2622 lying before them, that is to say, the Ideal; however, the 2623 architectonic of natural reason exists in the Ideal of pure reason. 2624 Because of our necessary ignorance of the conditions, the noumena 2625 exclude the possibility of, however, general logic; consequently, the 2626 paralogisms of natural reason, when thus treated as our ideas, can be 2627 treated like philosophy.}

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2629 \\_\_kgl\_newpara:n {As is evident upon close examination, our faculties 2630 stand in need to the transcendental objects in space and time; 2631 certainly, our ideas are a representation of the objects in space and 2632 time. The reader should be careful to observe that the Categories 2633 constitute the whole content of the paralogisms of human reason. By 2634 means of analytic unity, space would be falsified; with the sole 2635 exception of the manifold, necessity, even as this relates to our understanding, has nothing to do with natural causes. Time is just as necessary as, indeed, the phenomena. Thus, the noumena, consequently, exclude the possibility of the Transcendental Deduction, by means of analysis. Has it ever been suggested that, as we have already seen, Aristotle tells us that there is a causal connection bewteen the noumena and the things in themselves? The employment of the Antinomies is the key to understanding our ideas.}

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2644 \\_\_kgl\_newpara:n {What we have alone been able to show is that the 2645 employment of the transcendental aesthetic, still, exists in our sense 2646 perceptions; as I have elsewhere shown, the phenomena exist in the 2647 discipline of practical reason. Necessity (and Aristotle tells us 2648 that this is true) has lying before it the objects in space and time; 2649 in natural theology, our understanding, for example, proves the 2650 validity of the objects in space and time. It is not at all certain 2651 that our faculties, in the case of the thing in itself, are the clue 2652 to the discovery of the Categories, as we have already seen. To avoid <sup>2653</sup> all misapprehension, it is necessary to explain that, in reference to 2654 ends, the Ideal would be falsified, and the Antinomies are a 2655 representation of our a priori knowledge. (By means of analysis, to 2656 avoid all misapprehension, it is necessary to explain that, even as  $_{\rm 2657}$  this relates to the Ideal of practical reason, the phenomena 2658 constitute the whole content of, in view of these considerations, our 2659 knowledge, and the discipline of natural reason (and we can deduce 2660 that this is true) is just as necessary as the manifold.) The reader 2661 should be careful to observe that, indeed, our judgements can not take  $_{2662}$  account of our sense perceptions, but the thing in itself, so far as I 2663 know, can not take account of our sense perceptions. Let us suppose 2664 that our ideas are a representation of metaphysics.} 2665

266 \\_\_kgl\_newpara:n {By virtue of human reason, the Ideal of pure reason, 267 in the full sense of these terms, is by its very nature contradictory, 268 yet necessity is the key to understanding metaphysics. The Categories 269 have nothing to do with, therefore, the phenomena. We can deduce that 260 our experience can be treated like our a priori knowledge; certainly, 267 the objects in space and time are what first give rise to philosophy. 267 Because of the relation between the architectonic of natural reason 267 and the Antinomies, space has nothing to do with our ideas, but the 267 manifold occupies part of the sphere of the transcendental aesthetic 267 concerning the existence of the phenomena in general. The paralogisms 267 of human reason are the clue to the discovery of, on the contrary, our 267 understanding.}

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2679 \\_\_kgl\_newpara:n {There can be no doubt that, in reference to ends, the 2680 thing in itself excludes the possibility of the objects in space and 2681 time, but the discipline of human reason is by its very nature 2682 contradictory. It is obvious that, in other words, the manifold, in 2683 so far as this expounds the practical rules of the thing in itself, is 2684 the clue to the discovery of the things in themselves, yet our 2685 experience has lying before it space. Our ideas would be falsified, 2686 yet the thing in itself is just as necessary as the Antinomies. 2687 Metaphysics exists in our speculative judgements. By means of 2688 analysis, the phenomena are a representation of our faculties.} 2689  $_{2690} \ \ \ kgl_newpara:n {The phenomena stand in need to our sense perceptions,$ 2691 but our concepts are the clue to the discovery of formal logic. The 2692 objects in space and time have nothing to do with the things in 2693 themselves, as is evident upon close examination. Time teaches us 2694 nothing whatsoever regarding the content of the noumena. It is not at 2695 all certain that, so far as regards the manifold and the objects in 2696 space and time, the Transcendental Deduction, therefore, occupies part 2697 of the sphere of pure logic concerning the existence of natural causes  $_{\rm 2698}$  in general, but the things in themselves, consequently, are a 2699 representation of the intelligible objects in space and time. The 2700 Transcendental Deduction (and to avoid all misapprehension, it is 2701 necessary to explain that this is true) depends on necessity, as we 2702 have already seen. Consequently, it remains a mystery why our a 2703 priori concepts, on the other hand, are what first give rise to the 2704 Ideal of human reason, as any dedicated reader can clearly see.} 2705

2706 \\_\_kgl\_newpara:n {What we have alone been able to show is that, then, 2707 the Ideal of human reason, in reference to ends, is the mere result of 2708 the power of practical reason, a blind but indispensable function of 2709 the soul, but the Ideal (and the reader should be careful to observe  ${\scriptstyle 2710}$  that this is true) has lying before it our ideas. In the study of the  ${\scriptstyle 2711}$  thing in itself, I assert, with the sole exception of the manifold, 2712 that the Ideal of human reason is the clue to the discovery of the 2713 practical employment of the Ideal of natural reason. As will easily 2714 be shown in the next section, our ideas have lying before them the 2715 Ideal of natural reason; thus, the Antinomies are what first give rise 2716 to, indeed, the noumena. We can deduce that the Categories (and it is 2717 obvious that this is the case) would thereby be made to contradict our 2718 faculties. As we have already seen, it is not at all certain that 2719 natural causes occupy part of the sphere of the architectonic of 2720 natural reason concerning the existence of natural causes in general; 2721 for these reasons, our ideas, in natural theology, occupy part of the  ${\scriptstyle 2722}$  sphere of the never-ending regress in the series of empirical  ${\scriptstyle \tt 2723}$  conditions concerning the existence of our judgements in general. Yet 2724 can I entertain the transcendental aesthetic in thought, or does it 2725 present itself to me? In the study of the Ideal, the Ideal of pure 2726 reason depends on time. However, our a priori judgements have lying 2727 before them the employment of necessity, by means of analytic unity. 2728 }

2730 \\_\_kgl\_newpara:n {As will easily be shown in the next section, it is not 2731 at all certain that the transcendental unity of apperception is the 2732 key to understanding the things in themselves; certainly, the 2733 Categories prove the validity of our faculties. Let us suppose that 2734 the paralogisms of natural reason (and we can deduce that this is the 2735 case) are a representation of the discipline of human reason. It 2736 remains a mystery why practical reason can be treated like the 2737 phenomena. (As is shown in the writings of Aristotle, there can be no 2738 doubt that the Categories, in the study of the discipline of human 2739 reason, exclude the possibility of the Categories.) As will easily be 2740 shown in the next section, our ideas stand in need to our knowledge. 2741 As any dedicated reader can clearly see, the Antinomies exist in our a 2742 posteriori concepts, yet the thing in itself can not take account of, 2743 as I have elsewhere shown, the Categories. The question of this

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2744 matter's relation to objects is not in any way under discussion.} 2745

2746 \\_\_kgl\_newpara:n {It must not be supposed that, so regarded, our 2747 experience, in particular, can thereby determine in its totality our 2748 analytic judgements, yet necessity has nothing to do with, in 2749 reference to ends, the discipline of human reason. It is not at all 2750 certain that the never-ending regress in the series of empirical 2751 conditions would thereby be made to contradict, in particular, pure 2752 logic; with the sole exception of the Ideal, our ideas, that is to 2753 say, should only be used as a canon for our judgements. Since some of 2754 the Antinomies are disjunctive, the Transcendental Deduction can be 2755 treated like the never-ending regress in the series of empirical 2756 conditions. In the case of the Transcendental Deduction, it is not at 2757 all certain that the Ideal of natural reason, in view of these 2758 considerations, can be treated like the architectonic of human reason. 2759 The Antinomies (and Aristotle tells us that this is the case) exclude 2760 the possibility of the Ideal of human reason; in the case of the 2761 discipline of natural reason, necessity would thereby be made to 2762 contradict, so far as I know, the Ideal of pure reason. 2763 Transcendental logic is a representation of the Transcendental 2764 Deduction; by means of the transcendental aesthetic, the thing in 2765 itself can thereby determine in its totality the Ideal of pure reason. 2766 In my present remarks I am referring to the never-ending regress in 2767 the series of empirical conditions only in so far as it is founded on 2768 hypothetical principles.} 2769

2770 \\_\_kgl\_newpara:n {The things in themselves prove the validity of, on the 2771 other hand, transcendental logic; therefore, necessity has lying 2772 before it, indeed, the paralogisms. What we have alone been able to 2773 show is that our ideas constitute a body of demonstrated doctrine, and 2774 all of this body must be known a priori. Our understanding has lying 2775 before it, for these reasons, our ampliative judgements. Because of 2776 our necessary ignorance of the conditions, it is obvious that time may 2777 not contradict itself, but it is still possible that it may be in 2778 contradictions with, in view of these considerations, our ideas; 2779 still, the practical employment of the transcendental objects in space 2780 and time, that is to say, has lying before it the things in 2781 themselves. Natural causes prove the validity of necessity.}

2783 \\_\_kgl\_newpara:n {The reader should be careful to observe that our a 2784 priori concepts, in other words, can never, as a whole, furnish a true 2785 and demonstrated science, because, like general logic, they prove the 2786 validity of hypothetical principles, by virtue of human reason. There 2787 can be no doubt that, indeed, the Antinomies, in other words, would be 2788 falsified, and the phenomena constitute the whole content of the 2789 discipline of natural reason. The phenomena can not take account of, 2790 in natural theology, the Ideal of practical reason. Time can never 2791 furnish a true and demonstrated science, because, like necessity, it 2792 has nothing to do with a posteriori principles; in view of these 2793 considerations, our a priori concepts stand in need to the discipline 2794 of pure reason. Our ideas constitute the whole content of the objects 2795 in space and time, but the Ideal, indeed, is the key to understanding 2796 our understanding.}

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 $_{2798} \ \ kgl_newpara:n {As we have already seen, it is not at all certain that$ 2799 the Ideal of pure reason is just as necessary as natural causes; in 2800 the case of the Transcendental Deduction, our faculties, in natural 2801 theology, abstract from all content of knowledge. The Categories can 2802 never, as a whole, furnish a true and demonstrated science, because, 2803 like the manifold, they have lying before them a posteriori 2804 principles, but time is by its very nature contradictory. We can 2805 deduce that the Categories, so regarded, are by their very nature 2806 contradictory; for these reasons, time is what first gives rise to our 2807 ideas. Still, is it the case that pure logic constitutes the whole 2808 content for the Transcendental Deduction, or is the real question 2809 whether the paralogisms exist in our experience? Still, natural 2810 reason, so far as I know, would be falsified, because of our necessary 2811 ignorance of the conditions. Our faculties would be falsified.} 2812 2813 \\_\_kgl\_newpara:n {The Ideal proves the validity of the objects in space 2814 and time. To avoid all misapprehension, it is necessary to explain 2815 that our judgements are a representation of, however, the manifold. 2816 The objects in space and time exclude the possibility of necessity. 2817 The reader should be careful to observe that the Ideal, consequently, 2818 abstracts from all content of knowledge. There can be no doubt that, 2819 indeed, the objects in space and time would thereby be made to 2820 contradict human reason.} 2821 2822 \\_\_kgl\_newpara:n {It is obvious that the transcendental unity of 2823 apperception can be treated like the Ideal. I assert that applied 2824 logic (and it is not at all certain that this is true) stands in need 2825 of the objects in space and time; certainly, the Ideal of practical 2826 reason is what first gives rise to the Categories. On the other hand, 2827 our experience (and it remains a mystery why this is true) stands in 2828 need of the transcendental unity of apperception. It remains a 2829 mystery why the Antinomies prove the validity of metaphysics. There 2830 can be no doubt that, in particular, the architectonic of pure reason, 2831 in all theoretical sciences, can never furnish a true and demonstrated 2832 science, because, like the manifold, it teaches us nothing whatsoever 2833 regarding the content of hypothetical principles, but the phenomena, 2834 with the sole exception of the transcendental aesthetic, have nothing 2035 to do with philosophy. It is obvious that our understanding, that is 2836 to say, is the mere result of the power of space, a blind but 2837 indispensable function of the soul, by means of analytic unity. Since 2838 knowledge of our sense perceptions is a priori, we can deduce that our 2839 experience is what first gives rise to the architectonic of practical 2840 reason. This may be clear with an example. } 2841 2842 \\_\_kgl\_newpara:n {I assert, consequently, that the Transcendental 2843 Deduction would thereby be made to contradict our faculties, as will 2844 easily be shown in the next section. Let us suppose that our ideas, 2845 in the full sense of these terms, occupy part of the sphere of formal 2846 logic concerning the existence of the noumena in general. To avoid 2847 all misapprehension, it is necessary to explain that the 2848 Transcendental Deduction, so far as I know, occupies part of the 2849 sphere of the architectonic of practical reason concerning the 2850 existence of the Antinomies in general; certainly, the paralogisms  $_{\rm 2851}$  occupy part of the sphere of the architectonic of natural reason

2852 concerning the existence of our ideas in general. To avoid all 2853 misapprehension, it is necessary to explain that the pure employment 2854 of the architectonic of practical reason, still, is by its very nature 2855 contradictory; consequently, the intelligible objects in space and 2856 time would thereby be made to contradict the transcendental objects in 2857 space and time. We can deduce that the thing in itself exists in the 2858 Antinomies. As is evident upon close examination, the never-ending 2859 regress in the series of empirical conditions depends on, therefore, 2860 necessity. I assert that our judgements are a representation of the 2861 noumena; on the other hand, the transcendental unity of apperception 2862 teaches us nothing whatsoever regarding the content of, then, the 2863 Ideal of pure reason.}

2865 \\_\_kgl\_newpara:n {As is evident upon close examination, the things in 2866 themselves are the clue to the discovery of the phenomena, and 2867 philosophy (and what we have alone been able to show is that this is 2868 true) teaches us nothing whatsoever regarding the content of the 2869 phenomena. Still, to avoid all misapprehension, it is necessary to 2870 explain that natural causes (and it is obvious that this is the case) 2871 have nothing to do with our faculties. To avoid all misapprehension, 2872 it is necessary to explain that, irrespective of all empirical 2873 conditions, the employment of the objects in space and time can not 2874 take account of, that is to say, our concepts, but the never-ending 2875 regress in the series of empirical conditions constitutes the whole 2876 content for our sense perceptions. In the case of the discipline of 2877 pure reason, let us suppose that general logic stands in need of the 2878 Ideal of human reason, as we have already seen. The noumena prove the 2879 validity of, in the study of transcendental logic, our understanding.} 2880

2881 \\_\_kgl\_newpara:n {Space (and what we have alone been able to show is 2002 that this is true) stands in need of necessity, yet our understanding, 2883 so far as regards the Ideal of practical reason, can never furnish a 2884 true and demonstrated science, because, like the transcendental unity 2885 of apperception, it has lying before it a priori principles. Since 2886 some of our judgements are disjunctive, it remains a mystery why the 2887 phenomena stand in need to the objects in space and time. In view of 2000 these considerations, the Categories (and let us suppose that this is 2889 the case) are just as necessary as the pure employment of the  $_{\tt 2890}$  phenomena. Let us suppose that the things in themselves, so far as I 2891 know, abstract from all content of a posteriori knowledge. It is 2892 obvious that, even as this relates to the thing in itself, natural 2893 causes can never, as a whole, furnish a true and demonstrated science, 2894 because, like metaphysics, they are just as necessary as inductive 2895 principles. The architectonic of practical reason (and it is not at 2896 all certain that this is true) depends on the thing in itself, but the 2897 objects in space and time, as I have elsewhere shown, are the mere 2898 results of the power of the employment of the Antinomies, a blind but 2009 indispensable function of the soul. By means of analysis, there can 2900 be no doubt that, in reference to ends, natural causes are a 2901 representation of, in respect of the intelligible character, time, and 2902 the pure employment of the discipline of natural reason has lying 2903 before it our experience.}

2904

2864

2905 \\_\_kgl\_newpara:n {Still, it must not be supposed that our faculties are

 ${\scriptstyle 2906}$  a representation of the Ideal of practical reason, as is evident upon 2907 close examination. As is proven in the ontological manuals, the 2908 reader should be careful to observe that the objects in space and time 2909 are the mere results of the power of time, a blind but indispensable 2910 function of the soul; in all theoretical sciences, the Ideal is a 2911 representation of, so far as regards the architectonic of natural 2912 reason, our sense perceptions. Aristotle tells us that, in 2913 particular, the objects in space and time, in the case of the 2914 manifold, are a representation of the things in themselves, yet 2915 natural causes stand in need to, irrespective of all empirical 2916 conditions, the things in themselves. Certainly, the transcendental 2917 unity of apperception, in accordance with the principles of the 2918 intelligible objects in space and time, exists in our sense 2919 perceptions. As we have already seen, the discipline of human reason 2920 (and Galileo tells us that this is true) depends on the thing in 2921 itself. Since some of natural causes are synthetic, the reader should 2922 be careful to observe that, for example, the things in themselves (and 2923 it is not at all certain that this is the case) are the clue to the 2924 discovery of our concepts. But this need not worry us.} 2925

2926 \\_\_kgl\_newpara:n {The architectonic of natural reason is the key to 2927 understanding, so far as regards our a posteriori knowledge and the 2928 paralogisms, time; still, the Categories, with the sole exception of 2929 the never-ending regress in the series of empirical conditions, should 2930 only be used as a canon for the transcendental unity of apperception. 2931 However, the reader should be careful to observe that the noumena 2932 exist in time. Because of the relation between space and the 2933 phenomena, let us suppose that our ideas are the clue to the discovery 2934 of our faculties. The phenomena constitute the whole content of the 2935 phenomena, but the transcendental unity of apperception, on the other 2936 hand, would be falsified. (As is evident upon close examination, it 2937 must not be supposed that our a posteriori knowledge is by its very 2938 nature contradictory.) There can be no doubt that the practical 2939 employment of our problematic judgements can be treated like the 2940 transcendental aesthetic. Aristotle tells us that our faculties have 2941 nothing to do with the objects in space and time. We thus have a pure 2942 synthesis of apprehension.}

294 \\_\_kgl\_newpara:n {Since none of the noumena are hypothetical, there can 2945 be no doubt that, in particular, our knowledge, in other words, is the 2946 clue to the discovery of the things in themselves. Therefore, the 2947 Ideal is just as necessary as, then, the Ideal, as will easily be 2948 shown in the next section. We can deduce that, then, our knowledge, 2949 in respect of the intelligible character, is by its very nature 2950 contradictory, and the noumena, in particular, are by their very 2951 nature contradictory. The reader should be careful to observe that, 2952 indeed, pure logic, still, is a body of demonstrated science, and none 2953 of it must be known a posteriori, yet our speculative judgements exist 2954 in the manifold. In the case of time, the Categories, by means of 2955 transcendental logic, constitute the whole content of the things in 2956 themselves, as any dedicated reader can clearly see.}

2943

2958 \\_\_kgl\_newpara:n {Transcendental logic can thereby determine in its
2959 totality, consequently, our faculties, because of our necessary

2960 ignorance of the conditions. Since some of the paralogisms are 2961 analytic, there can be no doubt that, in reference to ends, the 2962 Antinomies, for these reasons, constitute the whole content of 2963 necessity, yet the things in themselves constitute the whole content 2964 of our understanding. In view of these considerations, it is obvious 2965 that the paralogisms are by their very nature contradictory, as any 2966 dedicated reader can clearly see. In natural theology, our ideas (and 2967 it remains a mystery why this is the case) have nothing to do with the 2968 discipline of pure reason, as any dedicated reader can clearly see. 2969 What we have alone been able to show is that philosophy occupies part 2970 of the sphere of the Transcendental Deduction concerning the existence 2971 of natural causes in general. Since knowledge of the phenomena is a 2972 posteriori, our ideas, in all theoretical sciences, can be treated 2973 like time, but our judgements are just as necessary as the Categories. 2974 Our understanding is a representation of the objects in space and 2975 time, and the paralogisms are just as necessary as our experience.} 2976

2977 \\_\_kgl\_newpara:n {Philosophy (and it must not be supposed that this is 2978 true) is a representation of the never-ending regress in the series of 2979 empirical conditions; however, the Antinomies have nothing to do with, 2980 in the study of philosophy, the discipline of practical reason. 2981 Because of the relation between philosophy and our ideas, it remains a 2982 mystery why, so regarded, metaphysics depends on the employment of 2983 natural causes. The pure employment of the Antinomies, in particular, 2984 is a body of demonstrated science, and all of it must be known a 2985 priori, but necessity is a representation of the Ideal. As will 2986 easily be shown in the next section, it remains a mystery why the 2987 Antinomies are what first give rise to the transcendental aesthetic; 2988 in all theoretical sciences, the architectonic of pure reason has 2989 nothing to do with, therefore, the noumena. The noumena are the clue 2990 to the discovery of the Categories, yet the transcendental aesthetic, 2991 for example, stands in need of natural causes. The Categories can not 2992 take account of, so far as regards the architectonic of natural  ${\scriptstyle 2993}$  reason, the paralogisms; in the study of general logic, the 2994 transcendental unity of apperception, insomuch as the architectonic of 2995 human reason relies on the Antinomies, can thereby determine in its totality natural causes.} 2996 2997

299 \\_\_kgl\_newpara:n {As is shown in the writings of Hume, it remains a 2999 mystery why our judgements exclude the possibility of the 3000 transcendental aesthetic; therefore, the transcendental aesthetic can 3001 not take account of the thing in itself. Our knowledge depends on, 3002 indeed, our knowledge. It is not at all certain that space is just as 3003 necessary as the noumena. Is it true that metaphysics can not take 3004 account of the paralogisms of human reason, or is the real question 3005 whether the noumena are by their very nature contradictory? On the 3006 other hand, time constitutes the whole content for necessity, by means 3007 of analytic unity. There can be no doubt that the phenomena have 3008 lying before them metaphysics. As is proven in the ontological 3009 manuals, it remains a mystery why space exists in the objects in space 3010 and time; still, the noumena, in the case of necessity, constitute the 3011 whole content of philosophy.}

60

Now we define the sequence of index words.

\\_\_kgl\_newword:n {Ideal} 3013 \\_\_kgl\_newword:n {noumena} 3014 \\_\_kgl\_newword:n {Aristotle} 3015 \\_\_kgl\_newword:n {transcendental} 3016 \\_\_kgl\_newword:n {metaphysics} 3017 \\_\_kgl\_newword:n {reason} 3018 \\_\_kgl\_newword:n {science} 3019 3020 \\_\_kgl\_newword:n {necessity} 3021 \\_\_kgl\_newword:n {Categories} 3022 \\_\_kgl\_newword:n {philosophy} \\_\_kgl\_newword:n {knowledge} 3023 \\_\_kgl\_newword:n {regress} 3024 \\_\_kgl\_newword:n {paralogism} 3025 \\_\_kgl\_newword:n {empirical} 3026 \\_\_kgl\_newword:n {space} 3027 \\_\_kgl\_newword:n {manifold} 3028 \\_\_kgl\_newword:n {understanding} 3029 \\_\_kgl\_newword:n {aesthetic} 3030 \\_\_kgl\_newword:n {noumena} 3031 \\_\_kgl\_newword:n {sphere} 3032 3033 \\_\_kgl\_newword:n {time} 3034 \\_\_kgl\_newword:n {practical reason} 3035 \\_\_kgl\_newword:n {perception} \\_\_kgl\_newword:n {things in themselves} 3036 \\_\_kgl\_newword:n {doctrine} 3037 \\_\_kgl\_newword:n {regress} 3038 \\_\_kgl\_newword:n {mystery} 3039 \\_\_kgl\_newword:n {existence} 3040 \\_\_kgl\_newword:n {contradiction} 3041 \\_\_kgl\_newword:n {a priori} 3042 \\_\_kgl\_newword:n {natural causes} 3043 \\_\_kgl\_newword:n {analysis} 3044 \\_\_kgl\_newword:n {apperception} 3045 \\_\_kgl\_newword:n {Antinomies} 3046 \\_\_kgl\_newword:n {Transcendental Deduction} 3047 \\_\_kgl\_newword:n {phenomena} 3048 \\_\_kgl\_newword:n {formal logic} 3049 \\_\_kgl\_newword:n {soul} 3050 \\_\_kgl\_newword:n {misapprehension} 3051 \\_\_kgl\_newword:n {elsewhere} 3052 3053 \\_\_kgl\_newword:n {theology} 3054 \\_\_kgl\_newword:n {employment} 3055 \\_\_kgl\_newword:n {logic} 3056 \\_\_kgl\_newword:n {practical reason} 3057 \\_\_kgl\_newword:n {theoretical sciences} 3058 \\_\_kgl\_newword:n {a posteriori} 3059 \\_\_kgl\_newword:n {mystery} 3060 \\_\_kgl\_newword:n {philosophy} 3061 \\_\_kgl\_newword:n {things in themselves} \\_\_kgl\_newword:n {experience} 3062 3063 \\_\_kgl\_newword:n {contradictory} 3064 \\_\_kgl\_newword:n {Categories} 3065 \\_\_kgl\_newword:n {perceptions}

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\__kgl_newword:n {Galileo}
3066
   \__kgl_newword:n {apperception}
3067
   \__kgl_newword:n {empirical objects}
3068
    \__kgl_newword:n {judgements}
3069
    \__kgl_newword:n {phenomena}
3070
    \__kgl_newword:n {power}
3071
    \__kgl_newword:n {hypothetical principles}
3072
    \__kgl_newword:n {transcendental logic}
3073
    \__kgl_newword:n {doctrine}
3074
   \__kgl_newword:n {understanding}
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   \__kgl_newword:n {totality}
3076
   \__kgl_newword:n {manifold}
3077
   \__kgl_newword:n {inductive judgements}
3078
   \__kgl_newword:n {Transcendental Deduction}
3079
   \__kgl_newword:n {analytic unity}
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   \__kgl_newword:n {Hume}
3081
   \__kgl_newword:n {canon}
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   \__kgl_newword:n {knowledge}
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   \__kgl_newword:n {universal}
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   \__kgl_newword:n {section}
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3086
   \__kgl_newword:n {body}
   \__kgl_newword:n {ignorance}
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   \__kgl_newword:n {sense perceptions}
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   \__kgl_newword:n {natural reason}
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   \__kgl_newword:n {exception}
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   \__kgl_newword:n {ampliative judgements}
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   \__kgl_newword:n {experience}
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    \__kgl_newword:n {analysis}
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   \__kgl_newword:n {philosophy}
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   \__kgl_newword:n {paralogism}
   \__kgl_newword:n {ignorance}
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   \__kgl_newword:n {true}
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   \__kgl_newword:n {Ideal}
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   \__kgl_newword:n {accordance}
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   \__kgl_newword:n {regress}
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   \__kgl_newword:n {experience}
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   \__kgl_newword:n {a priori}
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   \__kgl_newword:n {disjunctive}
   \__kgl_newword:n {soul}
3107
   \__kgl_newword:n {understanding}
3108
   \__kgl_newword:n {analytic unity}
3109
   \__kgl_newword:n {phenomena}
3110
    \__kgl_newword:n {practical reason}
3111
    \__kgl_newword:n {cause}
3112
    \__kgl_newword:n {manuals}
3113
    \__kgl_newword:n {dedicated reader}
3114
    \__kgl_newword:n {a posteriori}
3115
3116
   \__kgl_newword:n {employment}
   \__kgl_newword:n {natural theology}
3117
3118
   \__kgl_newword:n {manifold}
3119 \__kgl_newword:n {transcendental aesthetic}
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\__kgl_newword:n {close}
3120
   \__kgl_newword:n {full}
3121
   \__kgl_newword:n {Aristotle}
3122
    \__kgl_newword:n {clue}
3123
    \__kgl_newword:n {me}
3124
    \__kgl_newword:n {account}
3125
    \__kgl_newword:n {things}
3126
    \__kgl_newword:n {sense}
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   \__kgl_newword:n {intelligible}
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   \__kgl_newword:n {virtue}
3136
   \__kgl_newword:n {Hume}
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   \__kgl_newword:n {still}
3138
   \__kgl_newword:n {whatsoever}
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3140
   \__kgl_newword:n {even}
   \__kgl_newword:n {sphere}
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   \__kgl_newword:n {position}
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   \__kgl_newword:n {ignorance}
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   \__kgl_newword:n {word}
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   \__kgl_newword:n {phenomena}
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    \__kgl_newword:n {mystery}
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3157
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3172
   \__kgl_newword:n {part}
3173 \__kgl_newword:n {noumena}
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_{3174} \ \ kgl_newword:n \ \ doubt \}
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3175 \\_\_kgl\_newword:n {duck}

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_{\tt 3176} \ \ kgl_newword:n \ {Kant}
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Finally we close the group and issue a message in the log file stating how many sentences are available.

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3179 { \int_eval:n {\seq_count:N \g_kgl_pars_seq} }
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