Title word cross-reference

#3506 [Fet81b, Köl97]. #6725 [Fet81a].

(0, 2) [GRS87]. (1 + 2x) exp(x^2) erf cx [SL81], (η, π) [BDG+84]. (η, ρ) [BDG+72]. (n, 1) [Kra85b]. (n, 2) [Kra85a]. (ψ(x) − ψ(y >))^2 [De 91]. −1/2 [CT67a, CT67b]. −∞ < N < +∞ [Kog57, Kog58b]. 0 [Col80, Col84].
0 < N < 1 [Kog58a]. 0 ≤ x < ∞ [SL81]. 1 [NDT69, Pas92]. 1/2 [CT67a, CT67b, Fuk15d]. 1/9 [Mag94]. 1/n [Boy09]. 1/√π [TDBS11]. 10 [Col80, Col84, NDT69]. 1271 [Knu62]. 2 [Bak73, Bak75a, Bas01, BJK+11, CL94a, CP99, LO95, MIT+95, MC93, MC95, PZ95]. 29, 360, 000 [Bai88]. 2p [Mer94]. 3 [Lin79a, NKY08]. 3/2 [CT67a, CT67b]. 38 [Gus78a]. 3j [SG76]. 4 [BH01, EL90, LA01, LA03, NL99]. 6j [SG76]. 8 [HF95, PZ95]. [−1, 1] [HR88]. [0, ∞) [CMV69]. 2 [Sel93]. _6F3_ [Lar69]. _1F1_(a, b, z) [AG08]. _2F1_(a, b; c; x)
[Phi60]. modp [Sch85]. Shi(x) [TM68]. sin x [Bar72, Bar72]. p
[ADN03, CL11, Tor02, Tur94]. \( P_n(x) \) -distribution [Wil68]. \( P_n^{m}(\cos \theta) \) -distribution [GST12b]. \( P_n(x) \)
[LW95]. \( \phi \) [Pro88]. \( \pi \) [Bai88, BBB89, CDR71, Sal76a, Sha76]. \( \psi \) [Gla66]. \( \psi(x) \)
[DR98]. \( \psi(x) - \psi(y) \) [De 91]. \( \psi(x) - \theta(x) \) [Per85b, Per87]. \( \psi(x; 3, l) \)
[McC84]. \( \psi(z) \) [McC81]. \( \psi(k)(x) \) [Kööl6]. Q
[BTT16, CB09, CD12, Dev12, DB13, DDO8, Fre09, GST14a, IR08,
Jan11a, Jan11b, KL07, LFC11, MJ13, PUH12, SK11, SF10,
WLK11, Bor88, CIM94, GA08, Kra95, SJ12]. Q(x) [BS79]. \( R^2 \) [Bos89]. \( \rho \)
[BFSG74, BFSG84]. \( S_n \) [SM77, SM78]. \( \sin(x)/x \)
[Gau66a, GK70b]. \( \sin^{-1} \) [MMM93]. \( \sin x \) [Kog59]. \( \sin(x) = a_x \cos x = a_z 
[Fet76]. \( \sqrt{x} \) [And82]. \( \sqrt{x/d} \) [ALB98]. \( \sqrt{x^2 + y^2} \)
[BJK11+]. \( \sum_{n=1}^{\infty} n^{\nu-1}E_n^\nu(f) < \infty \) [HS83]. t
[Hil70a, Hil70b, Hil73a, Hil81a, Hil81b, eL79]. \( \Theta \) [Fdi97]. \( \theta(x; 3, l) \) [McC84].
U(a, b, z) [Tem83a5]. U(a, b, z) [GST15a]. U(a, x) [GST06a, GST06b, SG81].
V(a, x) [GST06a, GST06b, RLM67, SG81]. W
[Gau11, JHC96, Jef17, MS16, Ve12b]. W(a, \pm x) [SA81]. W(a, x)
[GST11a, GST11b]. W_{k,1/2} [Lau73]. W_{k,m}(z) [Won73a, WR71]. \( \varphi \)
[Eck76, Sou57, T.57]. \( \varphi(e_1, \ldots, e_3) \) [Tod90]. X \( [HJ67b, De 91]. x = 0 
[BB94, Mid75]. x = 1/4 [Köö66]. x = 3/4 [Köö66]. x^n [McC77, NL04].
[Mor14]. \( x^n(x) + \gamma C_n(x) = 0 \) [GS12]. x exp(\( i\pi/4 \)) [Wal84]. x \( \geq 0, \nu \geq 0 
[ADW77a, ADW77b, Amo78]. y [De 91]. Y_0(x) [WBR82]. Y_0(z)
[BB95, Zha96a]. Y_1(x) [WBR82]. Y_1(z) [Zha95, Zha96a]. y_n [AM78b, AM84b].
Y_n(z) [AM79, AM84a, ZB97, tT93]. Y_n(x) [Cam79]. Z \( [Som82, NPA16]. z = 1 
[BS06, Sko04]. Z^2 [Lef05]. Z_\alpha [FR76]. Z_\alpha^2 [FR76]. \( \zeta(x, s) \) [BS06]. \( |x|^a 
[GS91].

-algorithm [Bre78a, Mat92]. -analogues [GA08]. -Bessel [BST13].
-discrepancy [Pro88]. -Distribution [Hil70a, Fet79, Hil81a, eL79, Dor68].
-elementary [Bor88]. -expansion [Kal04, KKY07a, KKY07b]. -Exploring
[Sho02]. -fractions [Lev91b]. -Function [DD08, Eck76, Gla66, Jan11a,
BTT16, GST14a, IR08, Jan11b, KL07, LBC11, SK11, WLK11, BF92, CB09,
CD02, CPG12, Dev12, DB13, Fre09, LFC10, MJ13, PUH12]. -functions
[BB82, Gau11, SF10]. -gamma [GA08]. -interpolation [GRS87]. -Laguerre
[BDG+84]. -Quantiles [Hil70b, Hil81b]. -saturation [Hei88]. -select [CL00].
[CH70a, CK79]. -Zeta [SJ12].
<table>
<thead>
<tr>
<th>Year</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>15th</td>
<td>[KK99]</td>
</tr>
<tr>
<td>15th</td>
<td>[BC01]</td>
</tr>
<tr>
<td>1604</td>
<td>[Mae60]</td>
</tr>
<tr>
<td>163</td>
<td>[Fet63]</td>
</tr>
<tr>
<td>165</td>
<td>[Far69, Tha63a]</td>
</tr>
<tr>
<td>167</td>
<td>[PZ95]</td>
</tr>
<tr>
<td>16BST</td>
<td>[Cat85]</td>
</tr>
<tr>
<td>16th</td>
<td>[VDR05]</td>
</tr>
<tr>
<td>179</td>
<td>[BB74, Lud63, PH67]</td>
</tr>
<tr>
<td>17th</td>
<td>[IEE05]</td>
</tr>
<tr>
<td>18-19</td>
<td>[IEE81a]</td>
</tr>
<tr>
<td>180</td>
<td>[HJ67b]</td>
</tr>
<tr>
<td>181</td>
<td>[HJ67b]</td>
</tr>
<tr>
<td>18th</td>
<td>[KM07]</td>
</tr>
<tr>
<td>191</td>
<td>[Kop74, Rel63a, Rel63b]</td>
</tr>
<tr>
<td>192</td>
<td>[Rel63c]</td>
</tr>
<tr>
<td>1975</td>
<td>[Ask75, Tra76]</td>
</tr>
<tr>
<td>1976</td>
<td>[Cow77]</td>
</tr>
<tr>
<td>1981</td>
<td>[Mai82]</td>
</tr>
<tr>
<td>1983</td>
<td>[Laz85]</td>
</tr>
<tr>
<td>1984</td>
<td>[Mar85]</td>
</tr>
<tr>
<td>1990</td>
<td>[BL91]</td>
</tr>
<tr>
<td>1996</td>
<td>[IEE05]</td>
</tr>
<tr>
<td>1997</td>
<td>[Boi97]</td>
</tr>
<tr>
<td>1999</td>
<td>[CDS00, DIW00, SC01]</td>
</tr>
<tr>
<td>2001</td>
<td>[BC01]</td>
</tr>
<tr>
<td>2002</td>
<td>[Bor02, KV03]</td>
</tr>
<tr>
<td>2005</td>
<td>[HUY07, IL07]</td>
</tr>
<tr>
<td>2006</td>
<td>[Ano06, Men06]</td>
</tr>
<tr>
<td>2010</td>
<td>[ISO10]</td>
</tr>
<tr>
<td>2013</td>
<td>[IEE13]</td>
</tr>
<tr>
<td>2016</td>
<td>[MIT95]</td>
</tr>
<tr>
<td>2017</td>
<td>[BBdD17]</td>
</tr>
<tr>
<td>209</td>
<td>[HJ67b, Ibb63]</td>
</tr>
<tr>
<td>20th</td>
<td>[Bre00, SO11]</td>
</tr>
<tr>
<td>213</td>
<td>[Gra63a, Gra64]</td>
</tr>
<tr>
<td>21st</td>
<td>[IEE13]</td>
</tr>
<tr>
<td>221</td>
<td>[Gau64b]</td>
</tr>
<tr>
<td>222</td>
<td>[Gau64c, Gau64d]</td>
</tr>
<tr>
<td>225</td>
<td>[Bra64, CC64]</td>
</tr>
<tr>
<td>226</td>
<td>[Cvy64, HJ67b]</td>
</tr>
<tr>
<td>22nd</td>
<td>[MTV15]</td>
</tr>
<tr>
<td>236</td>
<td>[Gau64a, Gau65b]</td>
</tr>
<tr>
<td>23nd</td>
<td>[MSH+16]</td>
</tr>
<tr>
<td>244</td>
<td>[LG64]</td>
</tr>
<tr>
<td>245</td>
<td>[Mac89]</td>
</tr>
<tr>
<td>24th</td>
<td>[BBdD17]</td>
</tr>
<tr>
<td>25</td>
<td>[Sha76]</td>
</tr>
<tr>
<td>252</td>
<td>[Gun65a]</td>
</tr>
<tr>
<td>259</td>
<td>[Gau65a]</td>
</tr>
<tr>
<td>260</td>
<td>[Gun65b]</td>
</tr>
<tr>
<td>261</td>
<td>[Gun65c]</td>
</tr>
<tr>
<td>272</td>
<td>[HJ67b, Mac65, Mac68]</td>
</tr>
<tr>
<td>282</td>
<td>[Gau66a]</td>
</tr>
<tr>
<td>291</td>
<td>[PH66]</td>
</tr>
<tr>
<td>292</td>
<td>[Gau66b, Gau69b, Köl69a]</td>
</tr>
<tr>
<td>299</td>
<td>[HP67, OW68]</td>
</tr>
<tr>
<td>30</td>
<td>[ACG+87]</td>
</tr>
<tr>
<td>30-ns</td>
<td>[MIT+95]</td>
</tr>
<tr>
<td>300</td>
<td>[Gun67, Köl69b, Köl69c, Vos73]</td>
</tr>
<tr>
<td>301</td>
<td>[BP67, Pit67]</td>
</tr>
<tr>
<td>304</td>
<td>[Ber68, HJ67a, HJ67b]</td>
</tr>
<tr>
<td>30th</td>
<td>[IEE89b]</td>
</tr>
<tr>
<td>312</td>
<td>[Fri67]</td>
</tr>
<tr>
<td>32</td>
<td>[ASA06]</td>
</tr>
<tr>
<td>322</td>
<td>[Dor68]</td>
</tr>
<tr>
<td>332</td>
<td>[Sko75b, Wit68]</td>
</tr>
<tr>
<td>33rd</td>
<td>[Spr00]</td>
</tr>
<tr>
<td>34</td>
<td>[Fra81]</td>
</tr>
<tr>
<td>349</td>
<td>[TS69]</td>
</tr>
<tr>
<td>352</td>
<td>[Cle69]</td>
</tr>
<tr>
<td>360</td>
<td>[Fik66, Kuk66]</td>
</tr>
<tr>
<td>363</td>
<td>[Gau69a, Köl72a]</td>
</tr>
<tr>
<td>370</td>
<td>[ACG+86]</td>
</tr>
<tr>
<td>38</td>
<td>[Bin68]</td>
</tr>
<tr>
<td>3800</td>
<td>[WOG95]</td>
</tr>
<tr>
<td>385</td>
<td>[Pac70]</td>
</tr>
<tr>
<td>392</td>
<td>[Fri72, SM70]</td>
</tr>
<tr>
<td>396</td>
<td>[Hil70a]</td>
</tr>
<tr>
<td>3DNow</td>
<td>[IM99a]</td>
</tr>
<tr>
<td>40</td>
<td>[Fet81a]</td>
</tr>
<tr>
<td>404</td>
<td>[LT71]</td>
</tr>
<tr>
<td>421</td>
<td>[Kuk72a]</td>
</tr>
<tr>
<td>43</td>
<td>[Fet81b, Köl97]</td>
</tr>
<tr>
<td>435</td>
<td>[Ful72, Sch78b]</td>
</tr>
<tr>
<td>442</td>
<td>[Per87]</td>
</tr>
<tr>
<td>44th</td>
<td>[Men06]</td>
</tr>
<tr>
<td>45</td>
<td>[Lew87]</td>
</tr>
<tr>
<td>465</td>
<td>[Hil73a]</td>
</tr>
<tr>
<td>47</td>
<td>[Cob69, Tho04]</td>
</tr>
<tr>
<td>481</td>
<td>[Hau73]</td>
</tr>
<tr>
<td>484</td>
<td>[Bur74]</td>
</tr>
<tr>
<td>487</td>
<td>[Pom74]</td>
</tr>
<tr>
<td>488</td>
<td>[Bre74]</td>
</tr>
<tr>
<td>490</td>
<td>[GZ75, Mor76]</td>
</tr>
<tr>
<td>498</td>
<td>[Pri75]</td>
</tr>
<tr>
<td>4th</td>
<td>[IEE78]</td>
</tr>
<tr>
<td>50th</td>
<td>[Gau94]</td>
</tr>
<tr>
<td>511</td>
<td>[ADW77a, Amo78]</td>
</tr>
<tr>
<td>518</td>
<td>[Hil77]</td>
</tr>
<tr>
<td>542</td>
<td>[Gau79a]</td>
</tr>
<tr>
<td>549</td>
<td>[Eck80]</td>
</tr>
<tr>
<td>55</td>
<td>[Her61a, Tha63c]</td>
</tr>
<tr>
<td>55-b</td>
<td>[MIT+95]</td>
</tr>
<tr>
<td>56</td>
<td>[Her61b, Lar66]</td>
</tr>
<tr>
<td>57</td>
<td>[Her61c, Tha62a]</td>
</tr>
<tr>
<td>577</td>
<td>[CN81]</td>
</tr>
<tr>
<td>585</td>
<td>[Bre82a]</td>
</tr>
<tr>
<td>599pp</td>
<td>[Köl90]</td>
</tr>
<tr>
<td>5th</td>
<td>[Ano03, Gre16, IEE81a, IEE81b, IL07]</td>
</tr>
<tr>
<td>6</td>
<td>[Gun65b]</td>
</tr>
<tr>
<td>6-</td>
<td>[Gun65b]</td>
</tr>
<tr>
<td>60</td>
<td>[Tem79a]</td>
</tr>
<tr>
<td>6000</td>
<td>[Mar90]</td>
</tr>
<tr>
<td>602</td>
<td>[Gel51]</td>
</tr>
<tr>
<td>602-A</td>
<td>[Gel51]</td>
</tr>
<tr>
<td>610</td>
<td>[Amo83]</td>
</tr>
<tr>
<td>64</td>
<td>[HKST99, Mar00, ST99]</td>
</tr>
<tr>
<td>644</td>
<td>[Amo86, Amo90, Amo95, Kod07]</td>
</tr>
<tr>
<td>650</td>
<td>[Joh87a]</td>
</tr>
<tr>
<td>69-0172</td>
<td>[Hil73b]</td>
</tr>
<tr>
<td>708</td>
<td>[BL94, DM92]</td>
</tr>
<tr>
<td>714</td>
<td>[Cod93]</td>
</tr>
<tr>
<td>723</td>
<td>[And00]</td>
</tr>
<tr>
<td>7289</td>
<td>[FR98]</td>
</tr>
<tr>
<td>73</td>
<td>[Jef62, Mey63, vdR63]</td>
</tr>
<tr>
<td>736</td>
<td>[DR94a]</td>
</tr>
<tr>
<td>745</td>
<td>[Goa95, Goa97]</td>
</tr>
<tr>
<td>754</td>
<td>[AHM+98, AAHTH10, BT99, DR04, Hou81]</td>
</tr>
<tr>
<td>754r</td>
<td>[LSZ08]</td>
</tr>
<tr>
<td>757</td>
<td>[Mac96]</td>
</tr>
<tr>
<td>77</td>
<td>[GST02b, WNO94]</td>
</tr>
<tr>
<td>78</td>
<td>[Has66]</td>
</tr>
<tr>
<td>794</td>
<td>[Wie99]</td>
</tr>
<tr>
<td>7th</td>
<td>[Ano06, Hwa85]</td>
</tr>
</tbody>
</table>
Airy-type \cite{GST03a}, AIZ \cite{GST02b}, Albuquerque \cite{IEE91}. Algebra \cite{Fat16, Arm82, Fab02, Joh88, Tre80}. Algebraic \cite{ACM89, Bro07, FS96, Lak96, RS81, oKSAG79, SC81, TV09}. algebraically-converging \cite{Boy09}. algebraic \cite{ACM89, Bro07, FS96, Lak96, Ris79, SE11, Her82}. algebraically \cite{Boy09}. algebras \cite{Hai60, Var95}. ALGOL \cite{Tem79a, Chr62, Chr65, Fab04, Fow93, GST12a, Gra63b, Gus86, Has90, Hil73b, Int03a, Int03b, JSH11, LF92, dL70, Luk77, Mac89, Maj85, Mar72, MC87, Mil95, Mi90b, Nri84, Ng75, OS72, Pen81, Rus98, Sg92, Sor94, ST99, Tan91b, TBDS11, Ter91b, Tro84, Völ83, WG91, WG94b, AIS+17, Bak73, Bak75a, Bol06, BST13, BM80, Bre10, CO86, CHGM99, DAV12b, Egb77, EL94, EM03, GA08, Gor82, Kog89, Lit89, Luk99, Mat90b, MMH93, MC89, MM90b, Mul97, Obe99, Olv80, Saw02, Sch93a, Sch93b, Sch95, Tan87, Yey92, Fri72, IL07, Rix82, Tha62b}. Algorithms \cite{Bre78c}. algorithmic \cite{Che81}. algorithm \cite{Bre00b, Ano68, AH16, Bak75b, Bre80a, Bre78c, CN81, CMW63, CH98, CHI+03, Del70, Deu76, Eps75, FLR03, Fan89, Fat16, Fow93, GST12a, Gra63b, Gus86, Has90, Hil73b, Int03a, Int03b, JSH+11, LF92, dL70, Luk77, Mac89, Maj85, Mar72, MC87, Mil95, Mi90b, Nri84, Ng75, OS72, Pen81, Rus98, Sg92, Sor94, ST99, Tan91b, TBDS11, Tem94b, Ter81a, Tro84, Völ83, WG91, WG94b, AIS+17, Bak73, Bak75a, Bol06, BST13, BM80, Bre10, CO86, CHGM99, DAV12b, Egb77, EL94, EM03, GA08, Gor82, Kog89, Lit89, Luk99, Mat90b, MMH93, MC89, MM90b, Mul97, Obe99, Olv80, Saw02, Sch93a, Sch93b, Sch95, Tan87, Yey92, Fri72, IL07, Rix82, Tha62b}. Algorithmus
all-order [FWY07b]. Allgemeiner [Tol68].

Alternierenden [Alb62]. AMD [IM99a, Obe99, Rus98, Rus99]. AMD-K7 [Rus98].

Among [JMMW79, Ye17]. amplitude [Sal89].

AMD-K7™ [Obe99]. Among [JMMW79, Ye17]. amplitude [Sal89]. AMS [DMO8, Ric92].

Analogue [SR53]. analogues [GA08]. Analyse [CHG+11, Bre77]. Analysis

Analysis [Abe88, BSY82, Das94, IM99a, IP87, Par99, Pri66, Pug04, SK11, Sle64, Sle78, Smi95, Tan91b, AGA+80, BCD+02, Bre77, Bre78b, CH78, CDJ+01, Has02, LP61, LP62, LCJ63, Mn175, PS93, Ris79, SA00, SP61, Sob88, vRdL88].

Analytic [BG84, BS98, DB13, Ric73, Tra76, TW80, BS00, BL71, Cri82, Fer86, Kza92, LP95, Mn193, Sea84, Sko04, Ter79, Tra76]. Analytical [Ano98, Dar70, Fuk14a, GM04, Sho60, CK89a, MWH+18, Van89, Lov43, Lov89].

Anniversary [Gau94]. announcement [SSG+18]. Annual

Approximant [Bar74]. Approximants [GSS12, AGJ86, Bor88, DF78, Sab08]. Approximate [Lit93, Lit94, Mak80, Mar72, RX07, Via89, DK77].

Approximating [GW91, Ham78, Hav82, Jar12, Joh89, Lin89, NL94, SS99a, BMST97, Epp89, HR05, HH07, KK96, MST89, Özbo6, Yey92]. Approximation [AJ03, BGV81, BM15, BM04, CG89, Caw00, CST18, CIL90, DB13, DiD78, Eck76, EWF79, GSS2a, Gil16, God01, IL07, IR09, ITY95, KL07, KP75, KS88, Kra85a, Lan64, Lin90, LBH90, MS87, Mus87, Nor98, Osi13, PB90, PA86, PM98, Plo96, Plo01, Pub04, Sch99, SK89a, SF96, Sha85, SL81, SK11, Sim64, Sou57, Squ70, SS99b, VLCSFN+12, WS05a, WEX14, WR63, YBR11, Ynu09, ZA86, AQ18, AGS99, Bad76, BKKC09, Bra84, Bry02, CB09, CD02, Cho14, Cuy94, Dan77, DAV12a, DAV12b, Dev12, Dri95, DD08, DZKK77, Eba89, Eck77, El183, Eve63, Fik67, Fuk83, Fuk15d, Fuk15b, Fuk15c, GRS87, Glo89, Gor82, GS91, ITY97, JMS98, Kra85b, KSVW07.
approximation, LG79, Lor89, LSM16, Mag94, Mar86, MC87, MRS17]. approximation
[MRS18, McC90, Mon83, MV98, MS15, Pei79, Phi79, Pro87, Rei86, Roc82,
SF93a, Sei99, Sho86, SS87, SR16, Sun88, Tes69, Tim87, Ubb89, VT11, Ved93,
VM87, VB81, WR96, WdZ04, Yun14, Zwi87, vRdL88, PT80, T.57, Zah94].
approximation-theoretic [MRS18, McC90, Mon83, MV98, MS15, Pei63, Phi79, Pro87,
Rei86, Roc82, SF93a, Sho86, SS87, SR16, Sun88, Tes69, Tim87, Ubb89, VT11, Ved93,
VM87, VB81, WR96, WdZ04, Yun14, Zwi87, vRdL88, PT80, T.57, Zah94].
approximationen [Hol69].
Approximations [BTT16, BS79, Bur63, CG55, CG94, Car75, CDR71, Cod65a, Cod66, CH67,
CT69, Cod69, CH70b, CST73, Dar70, Der77, Dun94a, Dun94b, DD07, FL67,
FB91, Fie65, Fik66, FR98, Fra65b, Fr66a, HCL+68a, Has55, Hilt, HBS00, Hol69,
KPPS08, KZ90, Kra14, LB09, Luk68, Luk69a, Luk69b, Luk70, Mae60, Moo67, New84,
Nil70, Pag77, Pri75, RS81, ST07, Sch84, SS97b, SW99a, Sho05, Spi61, SDP11, Wad58,
WC61, Wil70, Yol70, Bla74, BE76, BE78, BBS89, BDP81, CDS03, Cle54, CT67a, CT67b, CT68,
CMV69, CHT71, Dan77, Dun87a, Dun87b, Dun88, FW13, Fer86, GP64, Gau02, GL83, GM88,
Jam99, Kas80, Kee82, Kon76, LW95, Lit93, Lit94, LMS15, LM15, Luk76,
MT72, MG85, MG89, MPG92a, MPG92b, OG82, PUHM12, Pie84b, Pow88].
approximations [RM07, Rev90, San91, SK08, Sha76, Sie76, SE14, Spe72,
Van89, WC90, Wens05, WBR82, ZB95, Zha95, Zha96a, ZB97, Ben83].
approximators [HSW89].
April [Ask75, Bor02, DM08, IEE13, IP87, KK99, Tra76]. Aptitude [Vö183].
Aqui fer [Har97b, Har98, Har01, Har08, PHH08]. Arbitrary
[BH65, Bra87, Fat16, Krä87, Lew75, LDP93, Rot71, TS69, BS00, Che09,
DSK83, LS95, KR86, Sca71, Shi93, VC06a]. Arbor [IEE81a, IEE81b].
ar [BBC08a]. Architecture
[AFC10, ASA06, ALMN05, CH1+03, HKST99, Int03a, Int03b, LP16, PEB04,
PBLM08, CL94a, KP98, MMW91, MM91a, MS82, MS94].
Architectures [JSH+11, LP17b, LF92, T+97, VDR05, Luk99, MMH93].
Arcsin [Kog58a].
Arctan [Kog58b, SK71].
arection [JL94].
rectangents [Car72]. Area
[NKY08, SL95, Tom00, Cho14, LKH93, SR81].
Area-Efficient
[NKY08, Tom00].
Area/Performance [SL95].
Areas
[Nor89, Sha85, McC90]. Argument
[Amo86, Amo90, Amo95, AM77, Bar61, BDL09, BS98, Chr65, GRAST16,
GZ75, Kod08, Kod11, Köl72e, Mat04, Mcc66, Min70, Mor76, Mor79, Smi95,
Soo73a, Soo73b, Soo73d, Soo73c, Sou57, AM78b, AM79, AM84a, AM84c,
AM84b, BY07, Büh87, Büh92, Büh93, Cam79, Cam81, Cam84b, Cam84a,
Di 86, Fuk10, GST04a, HTHHR94, Köl84, KRZ98, KB86, Lew85, Lew87, Sca71,
TB87, Tur72, VC06b, YM97, Zak69, Zha96b, ZB97, de 77, dT93, T.57, Tho04].
Arguments
[Arc43, Bur74, CP98, GB68, Gau65a, GT58, Jan77, Krä87, Raf70, RL80,
Tho13, TM68, Bar82b, Bar84a, Cai11, Cob69, CDR91, CJR92a, CJR92b,
GST04b, GST15a, Krä88, Mas83, Moe81, Moo84, SG98, TB86, VPK99, Wal84].
arise [SL83]. arising [BG84, Har77, Ye17]. ARITH
[BC01, BBD17, IEE05, MSH+16, MTV15]. ARITH-15 [BC01].
ARITH-17 [IEE05]. Arithmetic [Ber84, BHK09, BB84, BCDH09, BC01,
LSM15, Mac94b, MC87, MRS17, MRS18, Mat90a, Nis94, PUHM12, RdC93, SdCR97, TVG00, WG91, Yun09. Basel [Ull90]. Bases [Sau93]. Basic [Aro86, Gas81, Joh88, Kra95, Shi93, Ver77, DF84, VCV01]. Basis [AH10, Yon70, Hig77, Mul85a, Pow88, KR86]. Bath [KMM95]. BCD [Sch73], BCY [Che81], Be [PW76, DGB82, AK09]. beach [Ehr89]. behaved [Vai89]. behavior [Büh87, MP79]. beliebig [Krä87]. beliebig [Bra87]. beliebig [Rot71]. Bell [NR15]. Benchmarks [WOG95]. Ber [Her61c]. Berechnung [Fil66, Rot70a, Rot71, von84]. beregner [Ped80]. Berkeley [Liu87]. Berlin [Gre16, AGA+80]. Bernoulli [Fil92, Har14, HG64, KIB67]. Bernstein [Bor82, Cri82, Hei88, Tim87, Whi82]. Beruf [Bar14]. besonderer [Völ83]. Bessel [Aro84, Bra70, JL12, Sko75a, Tho04, VRS+99, AS97, Abr45, Air37, AJDG02, Amo74, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, Ano46, AM77, AM78b, AM79, AM84a, AM84c, AM84b, AWH13a, Ars81, BC79, BDGP13, BDGP14, Bal00, BL96, BGV81, Bar10a, Bar10b, Bar81, Bar82b, Bar84a, BA44, Bea58, Ben98, BK78, Ben83, BH65, Bin68, Bla74, Boe91, BST13, BO75, BBC08a, Bow58, BPD81, Bur74, Cai11, Cam79, Cam81, Cam84b, Cam84a, Cha82, CIM94, CY18, CMF77, Cod83, Col80, CM83, Col84, CV03, Cur64, DCL+92, DTLM98, Del79, Del84, DC81, ES99, EL01, Elb01, EM94, Fabb02, Fat16, FS92, FMC82, FO93, FKX96, Gab79, GKK00, GP64, GS81, Gau64a, Gau65b, GS87, GF97, GST02d, GST03a, GST04a, GST04b, GL83, GLa74, GLa81]. Bessel [GT58, GT59, GM88, Har00, Har08, HF09, Har09b, HIL77, HIN77, Hit57, Hor17, Hum85, ISK87, IS88, IS90, Ikk91, IS92, Ike76, IKF91, Ism77, Jab94, Kas80, KT00, KRT02, KKI67, Kor02, Kra14, KRZ98, KB86, Laf86, Laf91, LM93, LW96, Lue99, Las82, Leh44, Len76, Len90, LG79, Lew69, LW82, Lin72, LK73, Lir71, Lop18, LU96, LM08, LO93, LS95, Luk59, Luk64, Luk71a, Luk71b, Luk72, Luk75, Mac94b, Mak65, Mar95, MG85, MG89, Mas83, MS68, Max91, McL34, McL55, Mec66, Mec68, MV98, Mul95, Nas74, NR15, Nes84, NF63, New84, O’80, Olev64, Par09, Par72, PSS03, PS77, PS79, PB82, Pie82, Pie84a, Pie84b, Pie84c, Pie84c, Pie86, Puo88, Rap94, Rap01, RdC93, RKZ+14, Saf10, Sai89, Sal83, Sca71]. Bessel [Sch64, SdCR97, SG99, SS10, Sol69, Soo73a, Soo73b, Soo73d, Soo73c, SA57, Tal83, Tal84, Tal90, Tem75a, Tem76, Tem79a, Tem81, Tem86, Ter81a, Ter81b, Tha79, TB86, TB87, VCO6a, VEL11, VRS+95, Wal84, Wat66, Wat95, WC90, WH71, WBR82, YM97, YM03, Zai93, ZB95, Zha96a, Zha96b, ZB97, Zhu10, de 77, dT93]. Bessel-function [Boe91]. Best [Hol69, Nin70, SS87, Zwi87, Kee82, Mag94, OG82, LW96, LU96]. bester [Hol69]. Bestimmung [Hol69]. Beta [BB74, BL94, D67, DM88a, DM92, OM80, PSB76, Wis48, Gau64c, Gau64d, Lud63, Tem75b, TW80, PH67]. Beta-Function [D67]. Betriebssysteme [Rot70b]. Better [BBD03, Wes05, BD02, LM00]. Between [BJG+99, Hin77, Lar69, Lef05, Car69]. beyond [Ars81]. Bibliography [Ein79, Ful80]. Bickley [BEJ78]. bicomplex [Tre80]. biharmonic [Mon83]. bilinear [Tö168, Tö168]. Bilinear-Entwicklungen [Tö168]. billion [BBB89].
[Cas83, OLHA95, Sle78, Sou57, Eck77, Ein89, Gau11, Kra98, KL96, SK08, Sko04, T.57]. **Cases** [Car89, LM03, LSZ08, SLZ05]. **Caslin** [Fet81a]. **CD** [Spr00]. **CD-ROM** [Spr00]. **CDC** [ADW77a, ADW77b, Amo78, Cod64]. **CDC-3600** [Cod64]. **CDF** [Sho05, YBR11]. **CELEFUNT** [Cod91, Cod93]. **cell** [L94, AK99]. **Cellular** [MK71, Maj72, KL95]. **censoring** [Ruy89]. **Centenary** [BCEP94]. **centennial** [AGA+80]. **Center** [Ask75, IEE79, AGH89, Saf10, Vai89]. **center-unstable** [AGH89]. **central** [GST15b]. **Century** [Lid01, Lid02, Bre91, Gau94, Hay99, Pla96]. **Certain** [ANO46, DeL70, Deu76, Erc73, Lan60, dL70, Sch64, Sr70, Ver77, Akr45, Ak85, BC79, BL71, CCV11, De91, EW63, Gk70a, Kra85a, Las82, Leh71, Lew94, LP95, MM95, MM98, RX07, SS93a, Sic76, SZW11, ZSA86, ZZ11]. **Certification** [Ber68, Bra64, Bra70, BL94, Cob69, Far69, Gau64d, Gau65b, Gra64, Kö69a, Kö69b, Kö72a, Kop74, Lar66, Lew75, Mey63, Ng70, OW68, RT61, S67d, S67c, TBDS11, Tha62a, Tha62b, Tha63c, Tha63b, vdR63]. **Certified** [CJL99]. **Certifying** [dDLM11]. **Cesaro** [MS87]. **chain** [Paw11, Will96]. **Challenging** [Sid06]. **Chandrasekhar** [Jab12, Jab13]. **Channels** [LB09, CDS03, SA00, SA05]. **chaos** [PH90]. **CHAPLIN** [BD14]. **CHAPLIN-Complex** [BD14]. **Characteristic** [Fri72, AB88, Bos89, Fuk99b, McN73, Cle69]. **Characterizing** [Kee82]. **charge** [MO18]. **Charles** [CK99a]. **Chebyshev** [CT76a, Frö63a, Hol69, Per87, Bar61, Bla74, BEJ76, BEJ78, Boy14, Cod65a, Cod65b, Cod66, CH76, CT67b, CT68, CT69, CMV69, Cod69, CH70b, CH71, CST73, CM83, Dar70, De79, De84, EW76, Frö61, GP64, HM64, KP03, LLK14, Luk76, MT72, Né65, NDT69, Per85b, Pie84b, Pri75, RS81, Sch78c, Sch80b, She74, She76, SL81, WC61, WBR82, W607, ZB97]. **Checked** [Rus98, Rus99]. **Chemie** [Sne63]. **chemistry** [Sne56, Sne61, Sne63, Sne80]. **chemists** [Wen09]. **Chernoff** [CCM11, CP612]. **Chernoff-Type** [CCM11, CP612]. **Chester** [IL07]. **Chi** [HP85, Rob69, Tho65, el76, GST15b, HP67, OW68]. **Chi-Square** [Rob69, GST15b]. **Chi-Squared** [HP85, el76, OW68, HP67]. **Chinese** [Liu93, LL94, Che81, XL+83, Yon70]. **choice** [Ge89]. **choices** [SL97]. **Cholesky** [Sch84]. **Choong** [Sha76]. **Choosing** [SL97]. **CIMPA** [HUY07]. **Circles** [Kin21]. **Circuit** [IEE89a, MIT+95, MCT18, Bel89, CCC96, CP99, HFS99, MI97, SL63]. **Circuits** [DM88b, Maj85, OTY91, Bel89, KKh98, Liu95]. **Circular** [Ano74, DJ62b, DJ62a, Ken14, Ken21, WD61, Zuc64, ZS08]. **City** [AFI71]. **Civic** [IEE85]. **Clara** [MSH+16]. **Clarification** [ACG+87]. **Class** [DeL70, Dub83, Gla81, Lir79, dL70, CR08, Cro92, GQ09, Gus78b, Gus84, Mak80, MM95, Mos69, Som82]. **Classes** [OG82, Cri82, Kaz65, Liu93, Lu14, SZW11, Ubb89, ZZ11]. **Classical** [Loz00, PS85, BG84, Hå81, Tem96a, Ye17]. **Clebsch** [Bu75, Gun65a, SM77, SM78]. **Clebsch-Gordan** [SM78]. **Clever** [Kah04]. **Close** [Har66]. **Closed** [GW71, Jan11a, Jan11b, RM07, XC15, CTV96, Dav88]. **Closed-Form**
[Jan11b, Jan11a, RM07]. CMOS [HFS99, TRHH94]. Co [DMS95, USE88].
co-processor [DMS95]. Coaxial [Kin21]. Coconut [AK09]. Cod [IEE05].
Code [RdC93, SdCR97]. Coefficients [Bra75, Der77, SG76, Str56, Boy09, FNC75, FW80, Fra81, Gun65a, Sch76a, Sch77a, SM77, SM78, SMCH41, Ye17]. Coerror [Amo73, Gau77b, Gau16]. Collection [WNO94, Snc63]. Collective [Sti88].
College [MC87]. Colorado [BC01, Mul82, Luk99]. Coloring [PF12].
Compared [JJ65]. Comparison [And82, Ng75, SL95, LMS73]. Comparisons [FLR03]. Compatible [Tay81]. Compilers [BD99].
complement [CL94a]. Complementary [Bal17, Cod90, FCC73b, Chr62, EL08, FCC73a, HR72, Ph79, RM07, Zak69, HJ67b]. Complete [AVV90, AVV92, Cod65a, Cod65b, Cod66, FC64, Goa95, Mer62, OM68, QGG10, QV96, Sko78, War60, BZ92, Boy15, Fet81a, Fuku09a, Fuku11a, GM07, Ism77, MH72, Mor78, PDK96, Qi14, RT89, Far69, Her61a, Her61b, Lar66, Tha63a, Tha63c, Tha63b]. completely [BP01, CE15, CP15, Ch15b, QB09].
Completeness [Hig77]. Complex [Ahr96, Amo86, Amo90, Amo95, Ano74, AM77, Bak92a, Bra74, Bur74, CP98, Chr65, Cod91, Cor61, Dor66, EW76, EM04a, EM04b, EM07, FCC73a, HR72, Ph79, RM07, Zak69, HJ67b]. Complete [AVV90, AVV92, Cod65a, Cod65b, Cod66, FC64, Goa95, Mer62, OM68, QGG10, QV96, Sko78, War60, BZ92, Boy15, Fet81a, Fuku09a, Fuku11, GM07, Ism77, MH72, Mor78, PDK96, Qi14, RT89, Far69, Her61a, Her61b, Lar66, Tha63a, Tha63c, Tha63b]. completely [BP01, CE15, CP15, Ch15b, QB09].
Complexities [NS99]. Complexity [AH10, BB08, HHML08, Vav89, Bel89, Brev75, Bre76b, MST89, Per85a, Tra76]. Compliance [Rus98]. complying [AHM+98]. Component [vRdL88].
compounding [Leb71]. Comprehensive [AWH13c]. Comput [Alz98, Ano84, Tho04, VRS+99]. Computation [ACM89, AS95, ARH14, Aha69, AH10, Alh00b, Amo74, ALB98, Bal00, Bee17, Boe62, BB84, BL94, Bro76, Che70, Che72, CJO9, CMF77, CVV65, Cri89, DM88a, Di09, DM92, DM86, Dre78, Dub83, Ehr61, FLO04, Fi66, Fle68, Fr66a, Fuku14b, Fuku15a, Fuku99, GSS12, Gau61, GST03a, GST12a, GST14a]
GRAST16, Goa95, God01, HT13, HCK99, Har09b, Has66, Hul78, JSH+11, Joh14b, KT00, KB67, Kog57, Kog58b, Kog58a, Kog59, Köl72d, Lak96, Leh44, Leh96, LDP93, Loc01, LJ13, Luk57, Luk77, Mac94a, MMV81, Mar90, MRT1, Mec68, Mü04, Nad15, NKY08, NPA16, ND70, Pea09, PB02, PEB04, Rap94, Rob69, RHMLL08, Rot70a, Rot71, Rus13, Sal76a, Sar59, Sch58, SE11, Spo94, Swe63, Tem79a, Tra60, VVA09, ZJ96, AQ18, AGA+80, Alh00a.

computation
[Bai88, BB15, BL96, BM80, Cai11, Car95, CZ10, CH89a, CH89b, CA00, CD02, CDS03, CVC11, DMMM95, DKK80, DHM89, DK90, Eki01, Fil92, FI94, Fuk90a, Fuk90b, Fuk10, Fuk11, Fuk13a, Fuk13b, Fuk14a, Fuk15d, Fuk15b, Fuk15c, GI01, GKH70a, GST78, Gau94, Gau11, GST02b, GST02c, GST11b, GST15b, GST17, GS99, HHv73, JJW86, Joh15, JT85, Kat78, Kon76, KB86, Las82, LK73, Mar81, MNP83, Mer94, Mul85a, Mul86, NP18b, Ng84, POP17, PB82, Pie82, Pie84a, Pie84d, Rap01, Sar60, SS10, Tem83a, Tem86, Win74, XL94, Zah94, Zha96b, BL91, LCJ63, Müil90, SR53, von84, Köl90].

Computational [BBC98, BBC00, Gau67, Gau75, Gau79b, Ng75, Sun71, Tem94a, Wim82, BW00, Gau94, Jam89, SW88, Tra76]. Compu tations [Ahr96, BH18, Erc77, Krä93, MT85, Ng77, WG91, WG94b, Bel89, Dan77, Joh83, KO94, Kra98, MT86, Vav89].

compute [BBB89, Boy15, ECI3, Mac96, Per85a, Sca71, SSG+18].

Computer-oriented [AGA+80].

Computers [Ano03, Ano06, Has55, Köl90, Sin95, SA57, Ber84, RW77, Tak00, Tri66].

Computing [Bow53a, Bur82, Caih4, Car79, DR98, DH59, DJ62b, DJ62a, DR94b, For97, Fra65b, Gal85, Gal86, GST02a, GST03b, GKS04, GST04b, GST06b, GS12, GST15a, HH18, Har97a, Ike76, IFK91, JKM11, Joh16, Köl72e, Kuz15, LBD116, LW63a, LW63b, Lin09, Lin72, LCY56, Mar05, MIM93, MY91, Mul01, Rob55, ST07, SKL93, SZ70, SZ74, SZ76, Tak01, TUK17, Van69, Vol59a, Vol59b, YM03, ZA11, ZAG16, AK93, AFS+17, BDM81, BPT76, BCJ18, Car72, Dom03, Fet74, Gab79, GST12b, GLM15, Har14, HRR00, mH12, Kan96, Köl84, KCY06, KRY98, Let96, McC81, PKP74, PNV01, Pö49, Pro83, Puo88, Saf05, Tho97b, Tho97a, Vep08, XC15, Zen04, VC06a].

Concept [von80, Gon52b]. Concerning [Wre68, Arm82, CC17, SW88, Wre73]. condition [HS83]. conditional [Fuk13a]. conditions [JW88]. conduction [CMV69]. conductive [RD01]. conductive-convective [RD01]. Conference [AF169, AF171, Ano03, Ano06, Ban01, Boi97, BCP94, Gre16, IEE89a, IEE89c, IP87, IL07,
MC87, Men06, Mil75, MS94, Mul82, SKL93, Sin95, Spr00, T+97, USE88, VDR05, Wah04, ACM87, AGA+80, BL91, AEF92, Mar85, Zah94].

configuration [Yos97]. Confluence [Nag04]. Confluent

[AS95, GN89, Luk59, NPA16, Otv91, Sla60, Sla64, Tha62b, AS97, AG08, Buc69, CQSP04, DT09, DGS18, Gau02, Lew44, Mul01, NP18b, POP17, Tem78, Tem81, Tem83a, Uni49, Rel63c]. Congress [Lav80]. conical [GST12b].

Connuence [Nag04]. Conuent [AS95, GN89, Luk59, Mil57, NPA16, Olv91, Sla60, CM13a, Che16a, Fuk09b, Lu14, LSY15, MWH+18]. Constants

[Str56, CC17, CB87, GS99, KC11, SMCH41]. Constrained [MT72, SDP11]. Constraints [Kuk71]. constructing [Kai89]. Construction [Ske86a, Ske86b, Dan77, Lit93, Lit94, OWS+14, Pas95], contained [CC69].

Containing [NF63, Sch64, De 91, Las82, Lp98, Mak65, Tem86]. Contents [Ful81b]. Context [FR98]. contiguous [Seg08]. Continuation [BS98, BS00, Mühl93, Sko04]. Continued

[Bar74, Bar82a, BS83, Che13a, CPV+08, Len76, Len90, Mor64, Pas03, She54, SB71, Smi95, Spi61, BC09, BHJ05, BS78, Cha80, Dij77, Gau77a, Hau88, JW88, Kra89, Lee92, Lem88, Lev91a, LSY15, LM15, LSM16, MM90a, McC74, McC83, Now06, Pas92, RdC93, Sar60, SdCR97, Sha76]. Continued-Fraction [Smii95, Bar82a]. Continuous [PS93, Ebe89, GS82a, MS87, PS78, Som82]. Contour [ST07]. contoured [Was89]. Contribution [Chr62, Frö63b].

Contributions [Ng84, Ull90]. Control

[Kuk72a, Kuk72b, Bei90, BL91, Bre83, Roc82, Mae60]. controlled [Bra64, CC64]. convective [RdL01]. Convergence

[Alb62, Ano67, Bre78a, Bre82b, BDGB83, Bre85, Bre00, Chl11, CRZ00, DGS65, DK82, GB90, Gus66, Gus78b, GS91, HP93, Har77, Hau88, HBS00, Hom96a, Hom96b, Hom98a, Hom99, Ise94, JW88, Kru99, Kza92, Kza99, KP03, Lem88, LP90, LB90, Lev91b, Mat92, MH72, Müll99, Osa90, Osa94, Ovt03, Pas92, Pas03, Pas08, Sed90, Sel93, SF79, UE05, Wyn72, AGJ86, BD85, Be190, BJH05, Bre77, Bre78c, Bre88, Bre99, CCG91, Cr092, DBG80, Del81, DF78, Fdi97, FS92, Gau77a, GK89b, Gus78a, Gus84, Gus85, HTHR94, HR05, HR07, Hom94, Hom98b, Ise91, Isha83, KI04, Lev73, Lev91a, LP95, Lon81, Lu14, Mat90a, Müll93, Now06, Ole96, Pas10, Pas11, PR04, PKP74, RdL01, Sau93, Sch68, SL83, SS98]. convergence

[Sid06, Vep08, VPK99, Wen89, Wen01, Bre77, Del81]. Convergent

[Bar74, God01, Lóp18, Osa90, UE05, Bia88, DGB82, FF54, FF57, Hom99, Lew94, McC81, WN09, Woz10]. Converging

[Din58, ITY95, Air97, Boy97, Jam89, Kat78, Sch95]. Convex


Corrections [DD08, Jan11a, PC93]. Correctly
[BJK+11, Kah96, LA01, LM00, Ziv91, Ano14, BMR04, CLZ04, LMT98, SS93b].
Correctness [CH98, CHGM99, Rus99]. Correspondence [Hon71, vRdL88].
Corresponding [McC83]. Corrigenda [Ano94, Cod66]. Corrigendum
[Alz98, CT67a, Joh87b, Lew87, Per87, Fra81]. Cosine
[Cun62a, Cun62c, SZ76, Tan90c, Tha61, Bak76, Har00, JL94, PKS00, Saf10].
Cost [CL00, Dan82, FLMR00]. Cost/performance [CL00]. CoStLy
[Neh07]. Cotes [Fre09]. COULFG [Bar82b, Bar84a]. COULN [NT84].
Coulomb [Abr64a, BDG 72, BDG 84, BFGS74, Bar76, Bar81, Bar82b, Bar82a, Bar82c, Bar84a, BFSG84, Bar84b, Bar84c, BS84, Boe69, CH70b, CP70, Fr555, Gau66b, Gau69b, Gun67, Hum85, Ike75, Ike76, Köl69a, Köl69b, Köl69c, Köl72d, LVV05, MKS83, Nes84, NT84, PAGA18, Sea84, SG72, TTW79, TTW84, TR84, TB86, Vas73, Wili71]. count [MCT18]. coupling [Gun65a].
course [BW00, Tka03]. Coverage [DJ62b, DJ62a, DiD90]. CP [LVV05]. CR
Criteria [Ike76]. criterion [Fik67]. Critical [BH18]. crossover [PUHM12].
crunching [Atk79]. cryptography [Per85a]. cryptoprotocols [Per85a].
[BIS01, KK98, Liu95]. curvature [Ron86]. Curve
[Che70, HJ67a, HJ67b, Hol70, Nor89, Sha85, Squ70, Ber68, Cho14, McC90].
Curves [Sch85, Nis94]. Cuts [Kah82, Kah87]. Cylinder
[Dor66, Mil64, WR71, GST06a, GST06b, GST11a, GST11b, GS12, GR92, Jon06, Kre89, LR74, MMV81, RL76, SGA81, SG98, SMCH41, Tem00]. Cylindrical [Kod08, Kod11, Mas83, KB86].

D [Fet81b, Kol97, Sha76, BJK 11, NKY08]. d’accélération [Bre78c]. Dallas
[Koo91]. d’après [Laz85]. Data
[Joh88, Krä87, Mae60, MC87, BCG91, EMR82a, FK88, Wen01]. datapath
Dawson [AQ18, Dij77, Hum64, McC74]. Daykin [Sha76]. Delybe [ND70].
decade [Bre85]. December [ACM87, BCEP94, Zah94]. Decimal
[Har90a, VVA09, WS05b, Bai88]. decimal64 [LSZ08]. decision [Ye17].
decomposition [CZ95]. Decreasing [BFHT85]. dedicated [IK05].
Defektberechnung [Miß90]. defined [Tre80]. definite [Gla74, Won73b].
definition [BL71]. Degenerate [PS79]. degree [Bre18, Tes69]. Dekker
[Bo106]. demonstration [CC96]. Denominator [BM04]. density
[CKL89, McN73]. Denver [Luk99, USE88]. Department [Tra76].
dependent [Kre89]. Depth [BFHT85, OTY91]. derivation [Din73].
derivative [CS82, CS83, DC81, GST11a, I KK91, LLK14, War75, Wen64].
Derivatives [Amo83, AG08, Dan82, GK70b, Ike75, Ike76, Lau73, SB71,
Tem79a, Bar82b, Bar82a, Bar84a, Bus74, Che81, Dom03, Fuk13b, GK70a,
Joh15, MP79, McC81, Sai89, Sun88, TV09, Töl68, XC15, ZZ96, Gau66a.
describe [MO18]. Design
[ASA06, BT99, BH01, BH07, CCC96, IEE89a, IEE89c, LKH93, LMS99,
MCT18, OLHA95, Rev16, SS94, TBDS11, ZG87, SL97], designing [WN03],
designs [CL94a, Szg92, SS93b]. Desirable [Hul78]. Desk [BR73]. Details
[Bai17]. DeTemple’s [Che16a]. Determinant [CT88]. Determination
[BH04, Hol69, Liu93, de 77, Ter79, VRS +95, VRS +99]. Deuxièmes [AEF92].
Develop [ACG +87]. Development [Lev73, PN85]. developments
[Dop42, GST14b, Sch80a, Töl65]. Deviate [HD73]. diagonal
[BB94, Hol69, Liu93, de 77, Ter79, VRS +95, VRS +99]. Deuxièmes
[AEF92].

Digit-by-Digit [PBLM08, LP83]. Digit-by-Rounding [BTDS11, TBDS11].
Digit-Recurrence [ALMN05, EM03, EL94, LE93]. Digital
[Bow53a, CET62, Erc77, Has55, IEE99, LMS99, Loz03, Maj85, MKY92, SA00,
SA05, Lin57, RW77], digits [Bai88, BBB89]. DIIS [Sel93]. Dilemma
[Kah18]. Dilogarithm [GZ75, Mor76, Mor79, O’S16]. dimension
[LP62, vRdL88]. Dimensional [BTT16, WEX14, PS93, SF10, VB81].
Dimensions [Sle64, Pö49]. Dirac [CT67a, BDM18, CT67b, Din58, Fer86,
Fuk14a, Fuk14b, Fuk15d, Fuk15b, Fuk15c, Goa95]. Direct
[HAK91, Kin24, Kin07, PDK96, Ng68]. direction [DR89]. directions
[BIS01]. Dirichlet [BB15, BM15]. discrepancy [Pro88]. Discrete
[JM998, Mul85a, Roc82, Sle78, Per85a, Rei86, Tur72]. Discussion [BJK +11].
Discussions [Cah54, Ded26, Esc37, Kal34]. dispersion [CH78].
displacement [YH89]. Distance [Lef05]. distributed [Tak00].
distributed-memory [Tak00]. Distribution [Dor68, Gil16, Ham78, HJ67b,
Hil70a, Hil77, Lin90, Mac65, Mar04, Mor80, PR82, PR96, Pom74, Pom76,
Rob69, Sho02, Sho05, Tim87, VLCSFN +12, YBR11, Bad76, BKKCO9, Cyv64,
DC81, Fet79, FW84, Fuk14b, GST15b, HB75, KPPS08, Mac68, MZM94,
MR18, Rev90, Sho86, Ved93, Wri84, Yun09, Hül81a, eL79]. distributions
[SZW11, Wan82, ZZ11]. divergent [Wen89, Wen10]. Divide
[BH07, CH98, D +89, GBKK99, Int03a, PF95, SL95, Wil70, ZG87, AGS99,
BH01, CHGM99, Mat90h, MM92, Saw02, WMDM92]. Divide/Square
[SL95]. divided [MNP83]. divider [LMT +92]. Divine [Bat07]. Division
[BR73, CHI +03, CL94b, EL94, EIM +00, Int03b, IM99b, IITY95, JJ65, Kah99,
KM97, Kor05, LM95, LA03, LF92, LD98, MTT +95, Nan11, PB02, Rus98,
Sar59, SL97, Tra60, WG92, AHM +98, ALB98, BMRO4, CL94a, CL95, EL89b,
EL89a, EM03, Fan89, GRE96, HTHR94, HF95, IITY97, KM93, KP98, LM99,
LKH93, LKKH99, MI97, MMW91, MM91a, MMH93, MC91, MC93, MC95, NL99, Obe99, OJ04, SF93b, Sch95, Ste89, Tak00, Tay81, TE06, WN03, ZXBZH01, Zim00. division-free [HTHR94]. division/square-root [ALB98, LM99]. division/square-root [ALB98]. Divisionless [Sar60].

Document [MHSK16]. Documentation [Rot70b]. Dokumentation [Rot70a]. domains [Ric92, Sau93, Shi93]. dont [Del81]. Doppler [WKG66]. Double [Cod64, DAV12a, DAV12b, Kin65, LL09, LM03, PB02, SH72, Sca71, She76, Spe72, Swa65, Ano14, GKK00, HHv+73, Hon71, MS87, Paw11, Ped03, Tem86, TE06, WG94a]. double-index [GKK00]. Double-Length [SH72, HHv+73, Hon71]. Double-Precision [Cod64, Kin65, Swa65, Ano14].


dynamic [Dut84]. ECCTD [IEE89a]. Eclectic [Sri07]. Economic [SK71]. edge [Mit92]. edition [Fet81b, Köl97]. editor [Cat86, Fik67, Kin65, McC90, Rev90, Swa65]. Education [LMS99]. effect [Lit93, Lit94]. Effective [BBC08b, Kra85b, AM89, Jab12, KC11]. effektivnom [DZKK77]. efficiencies [Jam89]. Efficiency [Zag16]. Efficient [Ahm89, AIS+17, CL94a, CVW06, DJ67, DZKK77, Flo15, Fow93, FR76, GST12a, GST17, GLT+15, ITY95, ITY97, Joh14a, Joh87a, KB86, LL09, LJ13, NKY08, Ric73, SW99a, SK11, Smi89, Spiß1, Tan90a, WS05a, Woz10, Zag17, AQ18, Bak75a, CGK205a, CGKZ05b, Dan77, Ell83, Has00a, HF95, Joh87b, LKH93, MC89, Tom00, Vep08, Wal84]. efficiently [NL94]. Effusions [Bat07].


elementarnykh [Bar72, DZKK77, LC363, LP38, FS93, Saa91]. Elementary [ACG+86, Ahm89, AFC10, Bak75b, Bak92a, BSY82, BBM84, BB84, Bra87, Bre76a, Bre80a, Cod71, CW80, Cod91, Cod93, CB87, CVW06, Dam94, Dau81, Del70, Dir89, Emd40, Emd45, Emd48, Emd59, Erc72, Erc73,
ELMT00, Far81, Fil66, Fra78, Frö61, Frö63a, Gal85, GB91, GL83, Gon52a, Gon52b, Gus86, HKA93, Hul78, HFT94, Jür66, Kah82, Kah87, KDDH92, KDDH94, KB90, Kog66, KZ90, Krä87, LM03, Leh96, Lin87, LJ13, dL70, LCY65, Mar72, Mat87, MCM90, Mor64, Mü90, Mü97, NS09, NKY08, Nis94, OTY91, PW76, Ric68, Rit25, Rot70b, Rot71, Sal92, SS94, SS99a, Sp86, SDF11, Tan89b, Tan90b, Tan91b, Tho87, Tur72, Völ83, Wan74, WG91, WG94b, Ziv91, Zuc64, dDLM11, von80, von84, ACG, Arm82, BKM94, Bak73, Bak75a, Bar72.

Elementary [BBD03, Ber84, BL71, Bor88, BCD02, BD02, Bre75, Bre76b, Bre10, Bro89b, Bro89a, Br90, Car69, Car90, Che81, CA00, Cle54, Cod82, CDJ01, Dan77, Das94, DMMM95, Dri91d, Dri91a, Dri91c, DM88b, DK77, DF78, DZKK77, Ekl01, Eps75, EC79, FLMR00, Fer86, Fog51, Gal86, GM84, Hai60, HHv73, Her69, Her71, Hit75, Jan81, Joh14a, Kai89, Kaz65, Kog60, Kon76, Kra85a, Kra85b, Kui52, Las85, LM07, Lin57, Lit93, LCJ63, Lo01, Lop18, vdD88, Lut95, LP83, MS67, Mak65, Mak80, MT72, Mar81, Mar90, Mar00, Mar03, McC77, Mer94, MY91, MV98, Mul85a, Mul85b, Mul86, Nac88, Nis84, OGWY94, Olv80, Pei63, PKP74, PS93, Ric88, Ris79, KR86, Saa91, Sai89, Sal76b, Sg92, SS93a, SS93b, Shi91, Sh10, Sim64, Sm89].

Elementary-Function [BBM84].

Ellipsoids [DR94a, DR94b].

Ellipse [Adl12].

Elliptical [DiD90, Tol67a, Tol67b].

Elliptically [Was89].

Elliptische [Töl67b, Töl67a].

Elliptically [Was89].

Elliptische [Töl67b, Töl67a].

Elliptical [DiD90, Töl67a, Töl67b].

eloquent [Adl12].

embedded [Ste08].

Emphasis [BS98, Buc69].

empirical [Ruy89].

Enabled [LP16, LP17b].

encoding [Sch68].

end [Fet74].

energies [BS84, TR84].

energy [Bar84b, LVV05, NT84, Sea84, Sti88].

engine [CK89a, Lov43, Lov89].

Engineering [Wah04].

Engineers [BF71, McL34, McL55, And98, Bar14, Bel68, Bel04, Fet81b, Kö97, Lau95, Lau04, Sen67].

England [KM95].

English [AEF92, Hom96b].

Enhanced [BHK09, ZCL15].

Enhancement [Boi97].
Exactly [Wil96]. Example [Bol06, Plo96]. Excellence [Li01, Li02]. Exception [HFT94]. exchange [SR81]. Execution [Bai93]. Exercise [BB12]. Existence [Som82, Wan74]. existing [FKY86]. expand [BBC08a]. Expansion [FO99, Kim72, Luk59, NDT69, Pie84c, Sch64, Tho65, Van69, Won73a, Won88, AS97, AS03, Ali11, CG85a, Dij77, Ehr89, Fet79, GST03a, GS14, HL13, Kal04, KYY07a, KYY07b, MMV81, McC74, Nag01, NP18b, Par02a, Par02b, Par03, Par16, PHH08, Sch76a, Sch77a, Tem79b, Tem81, TC01, Won73b].

Expansions [Boe69, Cod65b, Cur64, Din58, FW61, GHT03, Hom98a, Hum64, Lop00, O lv91, SR53, She74, She76, Sle65, Tha61, WR71, Woo67, AS05, BF92, Bor10, CE15, CP15, Che15a, Che16b, CC17, CM83, CB87, Din73, Dom03, DGS18, Fuk12, Fuk14a, Har00, Hum85, Kat78, Lan80, Lop18, Luk75, Luk76, Mac72, Nag04, Nêm65, Rzz12, Sch78c, Sch80b, Tem75b, Tem78, Tem83c, Tem85, TV09].

Explanatory [Fu81b]. Explicit [Buj75, McC84, GF97, Kra14, OG82]. explicitly [SE14]. Exploring [Sho02, SL97]. Expm1 [Tan92]. Exponent [BHK09]. Exponential [AAHTH10, AS10, CET62, Caw00, CLOT86, CT69, Cor61, Fri72, FK11, Gau59, GC64, Gau73, H J96, HA86, Kar84, Kö87, LP17b, L SZ08, MI85, Ng70, PS11, PEB04, Red70, Sch99, Smi11, SZ74, SZ76, Sto41, Tan88, Tan89a, Tan90a, W LK11, Zuc64, BSW95, Bea60, Bor10, Bra84, BT99, Che71, CD02, CDS03, CLM88, CT68, DR04, Dr95, DR89, Fog51, GHT03, GEK04, Har00, Has02, JMS98, Kan96, KSVW07, Mag94, MNP83, NP18a, Ng84, O lv94, PBE03, RT61, Sab08, SZZ77, WDZ04, XC14, XC15, vdLT84, Pac70].

Exponential-Type [FK11]. Exponentially [O lv91, PW92]. Exponentially-improved [PW92]. Exponentials [Che72]. exponentiation [CC69]. Expression [Cum62a]. Expressions [BFHT85, Sho60, SF10].

Extended [CQSP04, SOL81, KPPS08, KA71]. extended-precision [KA71].


Extractor [HAK91]. extracts [Fre81, Lov53]. Extrapolation [Bre82a, BR91, GSS12, Sid03, Bre80b, Hav79, Hav81, Saf10, Wal96]. extreme [YM03]. Extremely [TKK17].

F [Ars62, Coh12, Fet81b, Kö97, Szm13]. Faber [EII83]. factor [Air37, Car91]. factorial [Bor10, Fer07, Wen10]. Factorization [JF16]. Factors [Car92, Din58, Sch84, CF00]. Faddeyeva [Zag16, ZA11, Zag17]. Fading [LB09, SK11, CDS03, SA00, SA05]. Failure [KI04, Wan82]. Faithfully [GLT15]. Fail [AFI69]. Familiar [BB88]. Families [AS10, FW13]. family [NS13]. Fast [Ahr96, Ano12, BS06, BB84, BZ92, Bre76a, Caw00, CH89a, CH89b, CJL09].
Kza99, LSM15, LM16, Mak80, Mei83, Qi14, Sch77a, Sue63).

**Formulae** [Kin21, KP03, Wim68, Akr85, Ben98, Jam89, RX07, Ver77].

**Formulas** [AS64, Boe61, Buji75, Car70a, Coh12, DH59, Gas81, LW63b, MO49, MOS66, Sai51a, Ske86a, Ske86b, Bar14, Che13b, Che15a, CS11, FKY86, Kza92, Let96, Mor11, OSS09, Sim64, XC15, YC15, LW63a, Wig67, Szm13].

**Forth** [Koo91].

**Fortran** [HH18, Amo83, Bai93, HKA93, KDDH92, Kuk66, KA71, Sca71, Smi91, BD14, CZ10, Col80, Col84, EC13, GST02b, GST02c, GST12b, GN89, KDDH94, SSG^+18, Smi01, Tho97a, WNO94, Wie99, Zag16].

**Fortran-77** [KDDH94].

**Forum** [IEE99].

**Forward** [LDP93, MRS17, SR16].

**foundational** [Fer07].

**Foundations** [IEE89b].

**Four** [Boy15, DMS95, HFS99].

**Four-quadrant** [HFS99].

**Fourier** [AO08, Boy09, CZ95, HBF09, Hom98b, LP61, LP62, Lan80, MS87, Ole96, SP61, Smi64, Sle64, Sle78].

**Fourth** [Atk79].

**Fox** [MM95].

**FPGA** [DR04, TVG00].

**FPGA-based** [DR04].

**FPGAs** [IP17, LP16, LP17a, LP17b, LC97a, WN03, dDIS13].

**FPU** [AHM^+98].

**fractals** [PH90].

**Fraction** [Bar74, She54, Smi95, Spi61, Bar82a, Cha80, Che13a, Dij77, Gau77a, Kra89, Lee92, Len90, LSY15, LM15, LSM16, MM90a, McC74, McC83, SdCR97].

**Fractional** [Ano46, Ant64, CMF77, MG85, Sai89, VM87, ZZ96, Abr45, GM88, KT00, KRT02, MG89, MPG92a, MPG92b, Nis84, SO89, TV09, Tim87].

**Fractions** [CPV^+08, Len76, Mor64, Pas03, SB71, BC09, BJH05, BZ92, BS78, BS83, Hau88, JW88, Lan80, Lem88, Lev91b, Lev91a, Now06, Pas92, RdC93, Sha76, Spe72].

**framework** [Per85a].

**France** [Ano03, Ano06, Boi02, KM91, MTV15, KM07].

**Franklin** [NP18b].

**FRB** [CZ10].

**Free** [LF92, CZ10, HTH94, LLK14].

**French** [Ber84, Berc77, Berc78c, DGB80, Del81, Laz85, Mul85b, Mul86].

**Frequency** [Hil73a].

** Fresnel** [Act74, And00, Chr62, Cun62a, Cun62b, Cun62c, Fle68, Gau74e, Gra63a, Gra63b, Gra64, LG64, Nén65].

**FRG** [MT85, MT86].

**Friedman** [Fet81b, Kôl97, NP18b].

**Fritz** [Wig67].

**Fukuoka** [Ano91].

**full** [AHM^+98, Bol06, LKKH99, Spr00].

**Function** [AS95, Ahm89, AAHT10, Amo83, AK09, AWB13b, Bai17, BTT16, Bar61, BY07, BDG^+99, Bee17, BM15, BBM84, BH18, Bp67, BS79, CBC98, BBC00, BI86, CET62, Car63, Car75, Caw00, CCM11, CM13b, CR68, CH67, Cod69, CST73, Cod75, Dav64, DHL^+04, DJ62b, DJ62a, DJ67, DM88a, DiD90, DM92, DM86, DD08, Eck76, ES99, FLR03, FCC73b, FK11, Ful72, Ful77, GB68, Gau61, Gau64e, Gau69a, Gau77b, Gau16, GST02d, GST12a, GST14a, GRAST16, Gil16, GZ75, Glä66, Gus86, HP62, Har97b, Har98, Har99b, Har66, HG64, Hea65, Her61c, HJ96, Hll77, HA86, Hum64, IP17, IR08, Jan11a, Jan11b, Jar12, KL07, KDDH92, KDDH94, Kim72, Kio70, Köl72c, Köl72b, Köl87, Kor11, Kuk66, Kuk71, Kuk72a, Kuk72b, Lao84, Lan64, LSZ08, Leh44, LDP93, Lin79a, Lin72].

**Function** [Liu87, LBC11, LT71, dL70, Luk59, Mac89, Mar65, Mat04, MR71, Mil85, Min70, Moo67, Mor80, Mor76, Mor79, NR10, NF63, Ng75, OMS09, Olv91, OM68, Pag77, PW76, PH66, POMB05, Raf70, Rei69, Sal51a, ST07, Sch64,
function

[BCJV18, Bra64, Bre75, Bre76b, Buc69, Büh87, BT99, BK16, CST18, Cha80, CT96, CB09, Che13a, Che13b, CP15, Che15a, Che15b, Che16b, CD02, CS11, CH71, Cod82, Col80, CM83, Col84, CP82, CB87, CS82, CS83, CC64, Cyv64, Dav59, DAV12a, Del79, Del84, Dev12, DB13, DC81, Dri95, Dum90, Dut84, Eck77, Ekl01, EL08, Eic15, Eps75, EMR82a, FW13, FNC75, FLS06, Fet63, FCC73a, Fet74, For97, FW80, Fra81, FW84, Fre09, Frö63b, Fuk15d, GA08, GP64, Gau64d, GS78, GS88, GK89a, GST03a, GST11a, GST11b, GST12b, GST15a, GLP98, GL01, Gon52b, GP84, GQ99, Har01, HF09, HHR00, HJ76b, Hum85, HR72, IS88, Jab12, Jab13, Jam81, Jam99, JHC96, JS89, Joh15, Jon70, JMS98, Kais99, Kar01, Kat78, Kax65, Ker83, KH00, KRT02, Köl72a, Köl84, Köi96, KT59, KSVW07, Kuz15, LW96, Las82, LGML05, LG79, Lew44, LK10, LW82, LSM15, LM15, LSM16, Mac94b, Mag94, MS16, Mar03, Mar86, MZM94, MG85, MG89, MPG92a, MPG92b, MJ13, MRS18, Mcc83, MNP83, Mer05, Moo81, Moo84, Mor11, Mor14, MS15, Mul01, Nag01, Nag04, OY91, OSS09, Pal98, PKD96, PW92, Par02a, Par02b, Par03, Par72, Ped03, Per85b, Per87, Phi60, Phi79, PUHM12, Pie82, Pie84a, PHH98, Pit67, Pow88, Prē10, Pu088, Qi14, QM15, RL76, Ron86, Rzq12, Sab08, Sal89, Sch88a, Sch88a, Sch80a, SK08, SLH06, Sho86, Sko04, Sko05, SE14, SC81, T.57, Tan91a, Tem75b, Tem76, Tem83a, Tem86, Ter81b, Tha62a, TC01, Tri50, Uni49, Vai89, VC06b, Van89, Veb12, Ved93, WdZ04, WC90, Win74, Wri84, YC15, YCZ15].

function

[KRT02, Köl72a, Köl84, Köi96, KT59, KSVW07, Kuz15, LW96, Las82, LGML05, LG79, Lew44, LK10, LW82, LSM15, LM15, LSM16, Mac94b, Mag94, MS16, Mar03, Mar86, MZM94, MG85, MG89, MPG92a, MPG92b, MJ13, MRS18, Mcc83, MNP83, Mer05, Moo81, Moo84, Mor11, Mor14, MS15, Mul01, Nag01, Nag04, OY91, OSS09, Pal98, PKD96, PW92, Par02a, Par02b, Par03, Par72, Ped03, Per85b, Per87, Phi60, Phi79, PUHM12, Pie82, Pie84a, PHH98, Pit67, Pow88, Prē10, Pu088, Qi14, QM15, RL76, Ron86, Rzq12, Sab08, Sal89, Sch88a, Sch88a, Sch80a, SK08, SLH06, Sho86, Sko04, Sko05, SE14, SC81, T.57, Tan91a, Tem75b, Tem76, Tem83a, Tem86, Ter81b, Tha62a, TC01, Tri50, Uni49, Vai89, VC06b, Van89, Veb12, Ved93, WdZ04, WC90, Win74, Wri84, YC15, YCZ15].

Functions

[AVV90, AVV92, Deb89, Kog89, Liu93, Töl43, Töl50, Töl66, Töl67b, Töl67a, Töl68, Töl69, Töl70, vRdL88].

functional

[Deh89].

functions

[Deh89].

Functions

[Abr64a, AS64, Abr64b, ACG +86, Alh00b, AFC10, AGL93, Amo73, ADW77a, ADW77b, Amo78, Amo86, Amo90, Amo95, AVV92, ASA06, AMT78, AMT78, AAR99, Ano46, Ano74, Ant64, AH16, Aten43, AM77, AW13a, ARS62, AUS01, Bak75b, Bak92a, Bal00, BDG +72, Bar10a, Bar10b, BA44, BD09, BJR +00, Bat07, BSY82, Bea58, BKT8, Ben83, BH65, Bin68, BCG6, Bla64, Boe62, Boe69, BL02, BB84, BB88, Bw53b, Bw58, Bow61, Bra87, Bra70, Bre76a, Bre80a, BL45, BGVHN99, Bur63, Bur64, Bur74, Bus76, Cam84b, Car70a, CG55, Car70b, Car77b, CP98, CHG +11, CMW63, CLOT86, CH70a, CP70, Cod71, CMF77, CW80, Cod83, Cod90, Cod91, Cod93, Cur64, CVW06, CPV ^08, CBBV10, D ^89, Dav64, Dav81, DeL70, Deu76, Din58, Div79, Dop42, Dor66, Dri89, DM88b, DD07, Eck80].

Functions
Functions [Luk64, Luk69a, Luk71a, Luk71b, Luk72, Luk77, LASC95, LCY65, Mac65, Mar72, MC87, Mas75, Mat87, MR71, MS68, McC02, MTP82, McL34, McL55, Mec66, Mec68, Mey01, Mil64, Mil65, MT64b, Mor64, Mos72, Mos89, Müll90, Nad15, NS09, NKA16, Nav83, NDP69, ND70, Obe64, OTY91, OMS09, Olv64, Olv67, Olv74, OLBC10, Osi13, Pai19, PS05, Pri12, PPA18, RAI60, RAP94, RS81, RL80, Rev16, Ric73, Riech80, Rot70b, Rot71, Rum01, dLSGDR17, Sa192, Sa15b, SS94, SS99a, oKSAG79, She76, SF59, SC01, Sid95, Sko75a, Sla64, Ste64a, Ste64b, STE67, SUN87, SpW67, Sry70, ST76, SZ74, SZ76, ST99, STR67, NDK72, SDP11].

Functions [Szm13, TS69, TTW79, Ta168, Tan90a, Tan90c, Tan91b, Tem79a, Tem92, Tem94b, Tha79, Tho13, TS76, V75, VB04, VVA09, VFB96, Ver67, Völ83, Wos73, Wan74, WG89, Wat66, Wat95, Whi63, WIG67, Wil96, Wim68, WR71, ZAG64, ZS64, Zv64, Zuc64, von80, von84, A597, AS05, Abr45, Ada98, AC679, AO08, Ar137, AJD90, All00a, AIS717, Alz97b, Ano74, And98, Ano93, Ano98, Ano14, AM78b, AM79, AM84a, AM84c, Arma82, Ars81, Ars80, Ask75, BDGP13, BDGP14, BC09, BBC14, BKM94, Bak73, Bak75a, BL96, Bar01, BDM81, BDG84, Bar72, BFS74, Bar81, Bar82b, Bar82a, Bar84a, BFS58, Bar84b, BW10, BBD03, BBS2, B68, BS04, Be104, Ben98, Ber84, BS84, Ber01, BPT76, Bla74, BEJ78, BL71, BHJ05, Bor88, BBC08a, BS83, BCD02].

functions [BD02, BPD81, Bre18, Bre10, Bro89b, Bro89a, Bro90, Büh92, Büh03, Bul65a, Bul65b, Bul89b, Bun09, Bue74, BIS01, BK16, CAI11, Cam79, Cam81, Came4a, CL11, Car69, Car90, Car82, CKT07, Cha82, CZ94, CZ95, CQSP04, Che71, Che81, CKB89, CIM94, Che11, Ciel12, CE15, CP15, Che15b, CA00, Che09, CH78, Cle54, Cob69, Cec65, CDS00, Ceh12, CCV11, CJR91, CJR92a, CJR92b, CDJ80, CV03, Cri89, Dam94, Dan77, Das94, DMS95, DCL92, DTM09, DMM95, Dav35, DAV12b, DT09, DF84, DI65, Die80, DKK80, Dom03, DM08, Dr191, Dr191b, Dr191c, DW100, DGS18, DHM89, DK77, DF78, DZKK77, El06, El01, Elb01, EC79, EC13, EM94, Fab02, FLO04, FLMR00, Fei78, FS92, FMC82, Fer86, Fer07, Fog51, FO93].

functions [Fre09, FKY86, Fuk09a, Fuk09b, Fuk13a, Fuk11b, Gab79, Gal86, GKK00, GAZK03, Gl01, GS81, Gau64b, Gau64c, Gau65b, Gau69b, Gau77a, Gau02,
functions

[AGA+80].

Funktionenlehre


Further

[AGA+80].
Tan88, Tan90b, Dri91a, Dri91c, Squ91a, Squ91b, Squ91c, Tan91a.

**genetic** [PUHM12, Tan87].  
**Geometric** [Bar10b, BB84, Sal76a, Her82, LKF10, MH72, Sal89].  
**Geometrical** [Yon70].  
**geometry** [HU07, Sti88].  
**German** [Alb62, Bar14, Bra65, Emd40, Emd45, Emd48, Emd59, Mah30, Sch80a, Sch68, Sne63, TöI43, TöI50, TöI66, TöI67b, TöI67a, TöI68, TöI69, TöI70, Tri50].  
**Germany** [Gre16, SO11].  
**GEV** [Gom89].  
**GIZ** [GST02c].  
**Gleichungssystemen** [Bra65].  
**Gleitpunktrastern** [Bra87].  
**global** [HR07].  
**Glow** [Che70, Squ70].  
**GMP** [BMZ06, Zim00].  
**GNOME** [SG99].  
**Golden** [Hin77].  
**Goldschmidt** [EIM00].  
**Gompertz** [Sto41].  
**Good** [Gal85, Gal86, Mat90a].  
**Gopengauz** [CG89].  
**Gopengauz-type** [CG89].  
**Gordan** [Buj75, Gun65a, SM77, SM78].  
**Gordon** [Paw11].  
**GPU** [mH12].  
**gradient** [Mit92].  
**graduate** [BW10].  
**Graph** [NS09, DC81].  
**Graph-Based** [NS09].  
**Graphics** [NKY08].  
**Graphs** [AS64, JMMW79].  
**Greece** [SC01, VDR05].  
**Green** [JS89, MKS83].  
**Grenoble** [Bor02, KM91].  
**grid** [Joh83].  
**Grosswald** [Ano84, Sal83].  
**Group** [AKS01, ???90, Koo91, Töl95, VB84, Vil88].  
**Grouping** [LA85].  
**groups** [CK88, Töl67b, Var95, VK95, Die80].  
**Grove** [Sin95].  
**Growth** [QVV98, Bos89].  
**guaranteed** [Loe01, PR04].  
**Guide** [AWH13c, BA44, LFB60, Tho97a].  
**guidebook** [Tho97b].  
**Gumbel** [Gom89].  
**Gurland** [Mer05].  

**H** [Ano84, T.57].  
**Hadamard** [Par09].  
**Half** [DJ67, Gau16, Kah04, Lir71, Di 86, Fuk10, Fuk15b, Gau94, KWY07a, NR15, SG98].  
**half-century** [Gau94].  
**Half-Integer** [DJ67, Di 86, SG98].  
**half-integral** [NR15].  
**Half-Range** [Gau16].  
**halfling** [KWY07a].  
**Halley** [LLK14, NS13].  
**Halley-like** [NS13].  
**Hamiltonian** [Fei78].  
**Hand** [Der77].  
**Handbook** [AS64, Bec17, BL02, BF71, CPV+08, Fet81b, Kö97, Loz97b, LCV65, OLBC10, PR82, PR96, Bak92b, Mat93, Köl90].  
**Handheld** [NK08, GP84].  
**Handling** [HFT94].  
**Hankel** [Coc65, CH70a, CS82, CS83, DK90, Fet63, FW85, Glo89, JL12, Mac72, PB82, Wies99].  
**Hankel-norm** [Glo89].  
**Hard** [LP16, LP17b].  
**Hardware** [Erc77, Fow93, Mat72, Ssr94, SF93a, SF96, SD11, Tak01, Wg91, Wg94b, Bkm94, Kan96, LGML05, Mu86, Oy91, Sg92, SS93b, Tay81].  
**Hardware-Based** [WG94b, Wg91].  
**Hardware-Oriented** [Erc77, Oy91].  
**Hardwired** [DM88c, LC87].  
**Harmonic** [BD14, Alz97a, Alz98, Alz03, Ele15, MS67].  
**Harmonics** [Bra73, Hoh31, Hoh55, MS67].  
**Hausdorff** [Gre82].  
**Having** [Bra65, Bos89].  
**Hawaii** [MS94, Spr90, Spr00].  
**hazard** [Ruy89].  
**heat** [CMV69].  
**Held** [Mul82, AGA+80, HUY07, IP87, Mar85, MC87, Ric92, SKL93, Tra76, Ul90].  
**Help** [Car74].  
**hereditary** [Roc82].  
**Hermite** [Bun09, Dri95, Fat16, Gau16, KSVW07, Sab08, WdZ04].  
**Hidden** [Car70b].  
**hierarchies** [Her71].  
**hierarchy** [Her69, Hom98b].  
**hierarchy-consistent** [Hom98b].  
**High** [Ahr96, AFC10, Bar82c, BY07, BTDS11, CCCP99, CG85b,
High-Accuracy [Bra87, Mühl90]. High-order [Sch93a, Sch93b].

High-Performance [BTDS11, MM92]. High-Precision [Sch93a, Sch93b].

High-Throughput [AFC10]. Higher [CM90, GM88, LM92, Ars81, BL71, Car69, EM94, MC89, Ng68, XC15].


Hurwitz [BB15, BS06, Joh15, Sch16, Vep08]. Hvordan [Ped80].

Hyperelement [Sla64]. Hyatt [IEE89c]. Hybrid [SR14, CP99]. Hydra [Rot70b, Rot70b]. HYP [Kra95]. Hyperbolic [Ano74, AH16, Fri72, Ken14, Ken21, dLSGDR17, SM70, Tha61, Zuc64, HTHR94, Yun09, ZS08].

hypersurfaces [Sti88]. Hypervirial [FMC82]. HYPQ [Kra95].
identities [XC14, Zei91]. Identity [Gla71, Wri73, EC79, GMIDM13, Mim88]. IEEE [BCDH09, BC01, BBdD17, IE05, IE13, KM07, MSH+16, MTV15, SO11, VDR05, AHM+98, AAATH10, BT99, CH98, DR04, GB91, Hou81, IE85, IE89c, IE99, Int03b, Kab80, KK99, KM91, LMT97, LS08, LD89, LD89, Tan89a, Tan90d, Tan92, T+97]. IEEE-754 [AHM+98, AAATH10, BT99, DR04]. IFIP [Boi97, LAv80]. II [BL91, Ben83, Bul65b, CG89, Ckt07, Cuy94, Dun87b, Eck77, EMR82b, KSVW07, LP61, Luk71b, Mil65, Ovi03, Pro87, RL76, Sch68, Sne63, SZ74, VB81]. III [Bul69b, Din58, Dun88, LP62, Lov53, Luk72, SZ76]. IIPBF [RKZ+14]. Illinois [Cow77, Hwa85]. illustrated [Tho97b, Tho97a]. im [T667b]. IMA [IP87, MC87]. IMA/SIAM [IP87]. image [JL94]. Imaginary [Bar61, GST02d, NPA16, BF92, BST13, Cob69, GST03a, GST04a, GST04b, VC06b]. immiscible [YH89]. impedance [AJ03]. Implementation [AAATH10, AFC10, Bai17, BV85, CVW06, DMS95, DHL+04, EL89a, GBK99, HH18, IM99a, Jef17, Joh87a, KNS95, LA01, LP17a, LC97a, LE95, Nav83, PP12, SL97, SDP11, Tak00, Tan88, Tan89a, Tan90d, Tan92, Zai93, dDLM11, von80, DR04, Has00b, Joh14a, Joh87b, LKK99, LO95, LE93, MC89, Mul97, Neh07, Obe99, Tom00, VT11, ZXH01]. Implementation-Oriented [PP12]. Implementations [SL95, Tan90c, CL00, EL94, Kul07, LC96, LC97b, Luk99, SK08, SL97, Zim00]. Implementierung [von80]. Improving [HFT94, Tho87, Che71]. Improved [Sho02, MRS17, SR16]. Improved [CD02, HCK09, Jab13, KL07, KCYL06, Mor11, Nin70, Olv91, ST99, Di 86, DD08, GST12b, Lu17, Mcl75, PW92, PC93, ZLC04]. Improvement [Mec68, OGW94, LLK14]. Improvements [Zag16, PS86]. Improving [Ch11, EIM+00, Lev73]. incident [Ehr89]. Including [She54, Str56, HTHR94, SMCH41]. Inclusion [Cri82, PC93]. Incomplete [Bar61, BL94, CN81, CP98, DH59, DJ67, DM88a, DM92, DM86, Dop42, Ehr61, FL67, Fu72, Gau79a, Gau79b, Gau99, GST12a, GAST16, Goa95, GM04, Har08, Hii77, Kol70, Kol72b, LW63a, LW63b, LDP93, Mat04, OM68, PSB76, Sch78b, Tak66, Tem92, Tem94b, Tho13, Van69, Vel11, Whi63, Wis48, Alz97c, BB15, Bul69a, CZ94, CZ95, CTV96, DK90, Fis73, FI94, Fuk09b, Fuk10, Fuk13b, GHT03, GM07, HFO9, JJW86, Jam16, JT85, Mah30, Mar86, MM98, Par02a, Par02b, Par03, Par16, Sch80a, SS10, Tem75b, Tem79b, Tem94a, Tem96b, Ter79, Ter81b, TW80, Tri50, VC06b, BB74, Gau64c, Gau64d, Jef62, Lut63, Mey63, PH67, vdR63]. Incorporated [PW76]. increasing [Wan82]. incrementation [DD76]. Indefinite [CK89b]. Independent [Fra95b, Bre18, VCV01]. Index [Ano68, GKCO0]. India [Ban01]. Indian [BB12, Hay99, Pl01]. Induction [Kin21]. Industry [BBM84]. Inequalities [AVV90, AVV92, Bus76, BL86, CP15, Che15a, Che15b, Che16a, GL01, Laf84, Laf86, Nas74, QVV98, She54, Alz93, Alz97b, Alz97c, Alz98, CB12, CM13a, Che16b, CT88, GLP98, IS90, Ker83, LS88, Liu93, Pal98, QM15, RT89, Whi82, ZS08, Zhu10]. Inequality
[WLK11, Alz97a, Alz98, Alz03, IS92, Rac82, Zal89]. Infinite
[Lir71, Sch88b, BC79, Cro92, LW96, LS95, RKZ+14, VC06a]. Infinitely
[IM99b]. Information [ISO10, Lav80, CT88, Ste08, Tö16, Was89].

Ingenieur [Bar14]. inhomogeneous [Mac94a]. Initial
[Cas83, ITY95, EL89c, EL90, ITY97, SS98, Spi85]. Initiative [Loz00]. Inn
[IEE85]. inner [AB88]. input [Wen01]. insertion [OJ04]. institutions
[BL71]. Instruction [PW76]. Instructions [GBKK09, IM99a]. Integer
[Alh00b, BO93, Cat85, Cat86, Cre98, D+89, Der77, DJ67, Has90, Hei96, JF16,
ND70, OLHA95, OIv64, Rev16, Rol87, Soo73a, Soo73b, All00a, AM78b,
AM79, AM84a, Di 86, FNC75, Fuk15b, GLM15, Hig93, KYY07a,
KYY07b, Lvo91, Pro83, Sca71, SG98, WTM05, dT93]. integers [QW06].

Integrale [PS93]. Integral
[Ano93, Cad51, Car75, Che70, Chr65, CT69, CP79, Cor61, Cun62b, Cun62c,
Dre78, Fet67, Fra65a, Fri72, GCh64, Gau16, GW71, Gla71, Gla79, Gao95,
HP67, HJ67a, HJ67b, Hil73b, Ism77, KC76, Mec68, MR65, Mer62, NF63,
Ngo70, Olv91, Pac70, PS11, Qi14, Ra70, Red70, Rei69, RL80, ScH78a, She54,
Sko78, Smi11, Squ70, SZ74, VCLSFN+12, War60a, WR63, Wri73, eL76,
AQ18, Act74, Bea60, BB82, Ber68, Boy15, Bry02, CG85a, Car05, CS11,
CT68, Dav59, Dij77, DK90, Fet81a, FKY86, Fuk10, Fuk11, Fuk14b, Fuk15d,
Fuk15b, Fuk15c, Gau59, GHT03, GMM1D1M13, Has02, Her61a, Her61b,
Kuz15, Lvo92, Mak59, Max91, McC74, Mid75, NR15, NP18a, OW68,
Olv94, P649, RT61, RKZ+14, Tem86, Tha63c, Tha63b, Tö167b, Var89].

integral [WR96, HP85, Hol70]. Integrale [Tö168]. Integralgruppen
[Tö167]. Integrals
[AVV90, AVV92, Boo61, BF71, Car77a, CN81, Car87, Car89, Car92,
CC94, Car99, CR68, Cod65a, Cod65b, Cod66, Cun62a, Cur64, DH59, Din58,
DR94a, DR94b, Ehr61, FL67, Fet65, FC64, Fle68, Fuk15a, Gau61, Gau64c,
Gau73, Gau77b, GlA66, Gra63a, KKI67, Kin24, Köl77, LAN60, LW63a,
LW63b, Lew69, LPD93, Lin72, Lop00, LG64, Luk64, Luk68, Luk70, MT64a,
NC66, PBM86a, PBM86b, PBM92, QV96, QV98, Ric73, ST07, Sch64,
Sid95, SZ76, Tem15, Tho66, Tö167a, Van69, WKG66, Wiolet70, ZC70,
Act74, And00, BC79, BO75, BZ92, BBC08a, BS11, Bul65a, Bul65b, Bul69a,
Bul69b, Car79, Car91, Car95, CLM88, Chr62, CT67a, CT67b, Deh89, EW63,
Far69, FMSC82, Fet81b, FF54, FF57, FI94, Fuk09a, Fuk09b].

integrals [Fuk12, Fuk13b, Fuk14a, Gab79, GP64, Gau11, Gla74, Gra63b, Gra64, Gra02,
Har00, Hvd63, Jef62, KT00, KRT02, Kö197, Lan80, Las82, LW82, LK73,
LS95, Mac72, Mak56, Mey63, MIm88, MTH2, Mor78, Mor99, Ném65, PDK96,
Pie82, Pie84a, Pøu88, Saf10, Sai89, Sam02, Sch88a, SZ77, SJ12, Tem83b,
Tem83c, Tem85, Ter81a, Tha63a, Tö168, VC06a, WNo73b, vdR63, vdL84].

integrands [CF00]. integrated [DM88b]. Integration
[Bro90, Car99, Cas83, CK89b, Dav88, LO93, Pro88, BGV81, Bro89b, EM86,
Mos69, Pro87, Ter79]. Integriuyme [PS93]. Integro [Mil85].

Integro-Exponential [Mil85]. Intel [ASA06, CHI*03]. Intelligence
[AGL93]. interact [Wen09]. Interactions [BJG*99]. Intercalation

KA71, Lau95, Lau04, LMOT01, Mar03, Neh07, Wil96, ISO10. Lie
[Die80, CK88, Mil88, Var95, VK95]. Like [Köl87, Ngu98, NS13, vdLT84].
limited [EM03, LP62]. Limits [CM13a, Gon52b]. Line
[BH18, ErC78, Oe82, Boe91, DHM89, Frö63a, PBE03]. Linear
[DGS65, Jam81, KP75, LB90, Ng77, Olv67, Olv88, SF79, YH89, Ano67, 
BDGB83, CG89, Die80, Ge89, Gon89, Joh88, KMY89, Lev73, Lev91a, Lit89, 
Meg89a, PBO5, Via89, Was89, vR89]. linear-threshold [Lit89]. Linearized 
[HBS00, Ehr89]. lines [BF92]. link [Wil96]. Linux [IBM05]. Lipschitz 
[DK90, Som82]. Literature [Pri66]. LNS [DMS95]. local [Kee82]. locally
[Var89]. Locating [PNV01]. Log [MJ13, OTY91, BS11, Har97a]. Log-Depth 
Logarithm [AS10, CH67, CVV65, Has66, Kah84, Kol72c, LP16, 
LP17b, Lin09, LA85, LC87, Mac89, PEB04, Rev16, SK71, Tan90a, Tan90d, 
AM12, Che71, Deh89, Epp89, Köl84, Per85a, PEB02, PH66]. Logarithmic
[CEt62, CLOT86, KP89, CS83, Gek04, Lit89, Sed90, Sko04, Fog51, 
Zuc64]. Logarithmically [Osa90, DGB82, GQ09, Hom99]. Logarithms 
[Che72, Mar72, Car72, LBdDM16]. Logic [Cow64, LA85, Sch73]. Logistic 
[KNS95]. Lookup [dLSGDR17, SS97b, Tan91b, Par99]. loop
[Dam94, Mim88]. LORIA [Ano06]. loss [DAV12a, DAV12b]. Lost [Car74].
Lösung [Die83]. love [Yos97]. Low
[AH10, ALMN05, Car75, IFS99, NL99, RHML08, SR14, KP98, MI97]. Low-Complexity [RHML08]. Low-Order [Car75]. Low-power 
[NL99, KP98]. Lower [Tro84, WIK11, Bel89, CP92, Fre90, Tfl93].
lower-bounds-to-circuit-size [Bel89]. LSFBTR [Tal83, Tal84]. LSI
[Atk79]. Lubbock [IEE85]. Luigi [GG08]. Lyon [Ano03, MTV15].
M [Fet81b, Kol87]. M. [Kol87]. Macdonald [FLR03]. Machine
[La42, Sch76b, Bar81, BeH89, GB90]. Machinery [Cah54]. Machines
[Bow53a, Gus86, Lin57, Rot70a]. Macrocell [BH07, ACHM+98]. MAD 
[BBC+91]. Madelung [CB87]. Madison [Ask75]. magic [MWH+18].
magnitude [Zha96b]. Magnus [Coh12, Szm13, Wig67]. major 
[SL97, Ein89]. Make [Wil96]. man [Ped80]. manifold [AGH89].
manipulation [Kra95]. Manipulative [Sun71]. Mantissa [von84].
Mantissenlänge [von84]. Manual [CW80, Ful81b, Ful81a]. Many 
[Sle64]. Maple [Zei91]. March
[Ask75, Ban01, IE85, Koo91, Men06, MT85, MT86, Rie92, SKL93].
Marcum [FK11, GST14a, LKF10, SF10]. Markov [Rae82, Whi82].
Martingale [RT89]. Maryland [IEE99]. Mascheroni 
[CM13a, Che16a, Ch11]. Massachusetts [ACM87, IE89c, IEE05].
massively [BBC+91]. massively-parallel [BBC+91].
Matematicheskianaliz [LCJ63]. matematicheskii [PS93]. Math
[Alz98, ASA06, Ano84, Fra81, Joh87b, Kuk66, Lew87, MMNP91, Mc02,
Per87, Sha76, Wil96]. MathCW [Bee17]. Mathematica [BK16, Kra95, Tho97b, Tho97a]. Mathematical [AS64, And82, Arf85, AW01, AW05, AW13c, Bee17, BL02, CHG+11, DHL+04, Fik68, Ful80, GB91, HBF09, KuK71, LFB60, LČJ63, Loz97b, LMS99, Loz03, Luk77, Meg89b, Mos89, Mul82, OLB10, Osi13, RW77, Ric71, Szm13, WNO94, Wig67, Ziv91, ZOH901, Ars68, BBC+14, Bak92b, Bar14, CC17, Coh12, Her82, Hoc61, ISO10, KRV98, Kuri07, KI16, MO49, MO86, NU88, PS93, Sne56, Sne61, Sne63, Sne80, Ten99a, Tho97b, Tho97a, Gre16, IBM05, Sne63]. Mathematical-Function [Bee17]. Mathematician [Bat07]. mathematicians [Hay99, Wen09]. Mathematics [Ask75, BB12, BDL+01, Car77b, FR98, HDG+15, Mur88, And98, BL71, Gau94, Joh11, Mur99, Gau94]. Mathematische [Sne63]. mathematicisch [Bar14]. Mathieu [Alh00b, Alh00a, BC62, Bla64, Cle69, EC13, Fri72, RL80]. Matlab [Zen04, RKZ+14]. Matrices [Leh96, HHR00]. Matrix [AH16, Ike76, A+17, HHR00, Kru99, Ng84]. Maui [Spr00]. maximal [von84]. Maximally [von84]. Maximum [KP75, vR89, GLM15, HF95]. maximum-redundancy [HF95]. May [AF17, CDS00, IEE81a, IEE81b, IEE99]. McDougall [Fuk14b]. McMillan [BJ15]. Mean [BB84, Sal76a, Alz97a, Alz98, Alz03, KPPS08, MH72, Sal89, Tod90]. Means [Fet65, Fil66, Gus66, MiL90, von80, BS06, CS11, Fer86, Kon76, Leh71, MMV81, MS87, Saa91, Tes69, Wen10]. Measure [DR94a, DR94b]. Measurement [BDL+01]. Measurements [Lid01, Lid02]. measures [Was89]. Mechanical [SG02a, CK89a]. Mechanically [Rus98, Rus99]. mechanics [Sti88]. media [YH89]. medieval [Joh11]. medium [Joh14a]. medium-precision [Joh14a]. Melbourne [Lav80, Men06]. Melì [CDS00]. Mellon [Tra76]. Memoirs [Lov53]. Memoriam [Dav59]. Memory [LJ13, Kog89, Tak00]. Memory-Efficient [LJ13]. mesh [DR89]. Method [Car74, Cow64, Ded26, DJ62b, DJ62a, Erc77, Esc37, Fle68, GW91, Hol69, Joh89, Kal34, KP69, LaF54, Lan42, Lin79a, Lin72, LJ13, Mar05, Osa90, Ovt03, Plo96, Sar59, SF96, SZ05, SS99b, Sto41, Tra60, TS76, Van69, WN09, Wyn72, You70, AM12, Ali11, Bar82, Bar84a, Bor82, DK82, Dom03, Fab02, Fuk14b, HTHR94, HaL60, HR05, HF95, Kon76, KI04, LG79, LP95, LP83, Lyo91, Mag94, Mar77, Mat90a, Now06, Ole96, PR04, Puh88, Rap01, Rdc93, Rei86, Sch68, ScFR97, SZ77, Sko05, Vai89, VT11, Vai89, VB11, Yun14, Zai93, ZK95, Zha95, Zha96a, Rap94]. méthodologie [Mul86]. Methodology [Sho02, Mul86]. Methods [AW05, AW13c, BR73, BPT76, Bre82b, Cas83, Dub83, Fra65b, FR76, GSS12, Gau75, HF09, HR07, ITY95, Meg89b, Mos89, Ng75, RGK72, Sid03, SZ70, SZ74, SZ76, Tem15, Ull90, Vla02, AGS99, Ano98, Arf85, AW01, BDGP13, BDGP14, BL71, Bre75, Bre76b, Bre78b, Bre85, Bre88, BR91, Cuy94, Epp98, Gab79, GST07a, Gus84, HP93, HBF09, KK96, Kru99, LV05, LLK14, McC77, Mon83, MüL93, NS13, Osa94, Özb06, Pas10, Pas11, POP17, PC93.
PKP74, Pol88, RW77, Roe82, RDK98, Saf10, SS98, Spi85, Wim82, Die83.

metodom [LP83]. metric [Som82, ZSA86]. Mexico [IEE91]. MHz [PZ95].

Michigan [IEE81a, IEE81b]. Micro [DSK83, Ber84, Bie81]. Micro/mini [DSK83]. microcode [Rus99]. microcomputer [Mil89]. Microcomputers [AMT78, AJMT81, MTP82, Vä83]. Microprocessor


mincing [Bel89]. mini [Ber84, DSK83]. mini-micro [Ber84]. Miniaturized [Luk71a, Luk71b, Luk72]. Minimal [Met65]. Minimax

[Fra65b, LW95, POMB05, Fuk15d, Fuk15b, Pol88, Wan82]. minimization [Dan77]. Minkowski [Kra89]. Minakyan [Sun88]. Miscellaneous

[Ham78, Lin90, Pag77]. Miscellaneous [Ste64b]. MISCFUN [Mac96].

Mises [Deh89, Hi77]. Mistake [Lit89]. mittels [Müll90, von80]. mixed [IS88].


[HH18, BL71]. Modification [Bar76, WS06, Bar84c, ITY97]. Modified

[BBK99, Bra73, Bur74, Car74, Cod83, Ded26, Ful72, GST02d, Hin77, Lin79a, Mec66, Nas74, Sch78b, Tem75a, TB87, Vel11, AS97, Bla74, BO75, CST18, CV03, DT09, DC81, Fab02, GS81, GST87, GST03a, GST04b, Hei88, Kas08, Lef91, Las82, LG98, MV98, MR15, Par72, Sca71, SdCR97, Tem86, Wai84, WC90, Zhu10, FET63, GST04a, Tho04]. Modular

[DMMM95, BBBBB9, WTM05, Yos97]. Module [Kod11, LDB89, Bas01, EL89a, GST12b, MM92]. Modulo [ADN03, Tor02, BH99, Per85a].

Modulus [CS83, AM89, Fet81a, MH72, Mor78, Mor99]. Molecular [LD03, Saf10]. Möller [Hom96b, Hom96a]. moment [FW84, Gre82, Wri84]. Momenta

[TITW79, TTTW84]. Moments [LL72, FW84]. Monica [ES89, IEE78].

Monotone

[Alb62, Dun94a, Dun94b, FB91, BP01, Dun87a, Dun87b, Dun88, SS87, Bra65]. monotonen [Alb62]. Monotonic [LM08, CE15, CP15, Che15b, GQ90].

Monotonicity


multigrid [BD85, RdL01]. Multilayer [HSW89]. Multilayer [Bar72].

Multiple [Bre75, Bre76a, Bre76b, CM13b, Gar80, Joh83, Kor11, Krä93, Smi91, Smi11, CV03, Deh89, Smi89, Smi01, Tak00]. Multiple-grid [Joh83].

Multiple-Precision

[Bre76a, CM13b, Kor11, Krä93, Smi91, Smi11, Bre75, Bre76b, Smi89, Tak00].
Cho14, DAV12a, DAV12b, KPPS08, Lee92, Lin89, Mac68, MZM94, MRS18, McC90, Rev90, SE14, Töö7a, Vedd93, WR96, Wes05, Yun09, vR89, Ber68, Cvv64, HJ67a, HJ67b. \textbf{Normalized} [Töö7a]. \textbf{Normalized}\cite{Tol67a}. \textbf{Normalized}\cite{SOL81, Bun09}. \textbf{Normalized}\cite{Ehr89}. \textbf{Norms}\cite{BJK+11, CJL09, GLT+15, Mag94}. \textbf{North}\cite{BCEP94, IEE89b}. \textbf{Numerical}\cite{CK89a}. \textbf{Notes}\cite{Ano84, BH99, Gau99, Gla79, God01, Leh44, Mil57, NSR10, OS72, Sal83, Ver67, Fis73, FW85, HR72, LP83, Per85a, KR86, Str59, VRS+95, VRS+99}. \textbf{Number}\cite{DLM09, Fri67, Has66, Hig18, Ngu98, OTY91, SH72, Tan89b, Brp74, Bre75, GB68, GLa66, Har66, HKW60, Hea65, Hum64, Jan99, Kal34, Lan60, Lon59, Lor89, Mec68, Moc67, SF59, Tak66, Tho65, Thu66, TM68, Ver67, WC61, Wil68, WKG66, Wu067, HUY07, LM07}. \textbf{Nothing}\cite{Kah87, Mop67}. \textbf{Novel}\cite{Bas01, SF10}. \textbf{November}\cite{AFI69, Ano91, AEF92, IEE89b, IEE91, Sin95}. \textbf{Novembre}\cite{AEF92}. \textbf{NP}\cite{RT89}. \textbf{NP-complete}\cite{RT89}. \textbf{NS}\cite{MIT+95}. \textbf{NS32000}\cite{Cam86, NSWC}. \textbf{Nullstellen}\cite{Mah30}. \textbf{Number}\cite{DK90, GB90, Go90, Hon71, LP83, Per85a, KR86, Str59, VRS+95, VRS+99}. \textbf{Number-machine}\cite{GB90}. \textbf{Numbers}\cite{Ano03, Ano06, BB88, CVV65, GS99, Has90, KB67, Maj72, Sch16, CL11, Dom91, Ele15, Fii92, KUL07, LKKH99, Mul85b, Nag68, SW88, Tre80, XC14}. \textbf{Numerical}\cite{Abe88, BM15, Boi97, BO75, Bul65a, Bul65b, Bul69b, Car95, Cas83, CY18, CH70a, CJR91, CJR92a, CJR92b, Cow77, Dub83, DK90, Ehr61, Fra65a, Frö55, FI94, Gar79, GS81, GST07a, Gus66, HL13, Hul78, IP87, Jan94, JL12, Kin21, Kin24, Kin07, KZ90, Lau95, LB90, LO94, Mat04, POP17, Pri66, Pro87, Tem75a, Tem00, Tem07, Ull90, Wie99, AGA+80, BGV81, Boy14, Bre18, Bre77, Bre78c, Bre78b, Cuy94, Ein79, Ell83, Gor82, GP84, HydR63, Lau04, Mll75, Mll93, PBN93, RD01, SGA81, SL83, SPI85, Tem76, Tem83a, VRS+95, VRS+99, Wil71, Zha96b}. \textbf{Numerically}\cite{GST07b, Tal09}. \textbf{Numerics}\cite{Nav83, AAS93, Squ91d, Squ91c}. \textbf{numerique}\cite{Bre77, Bre78c}. \textbf{NumExp}\cite{HL13}. \textbf{NumSBT}\cite{Tal09}. \textbf{Oak}\cite{Cow77}. \textbf{Ob}\cite{DZKK77}. \textbf{Oberhettinger}\cite{Coh12, Szm13, Wig67}. \textbf{Objectives}\cite{Kuk71}. \textbf{Obtaining}\cite{SK71}. \textbf{occasion}\cite{AGA+80}. \textbf{occurring}\cite{AJ03, Boe91}. \textbf{Oct}\cite{Ul90}. \textbf{October}\cite{IEE89b, IEE90, Cac80, Sin95, USE88}. \textbf{ODEs}\cite{LO93}. \textbf{Odnomernyi}\cite{PS93}. \textbf{Off}\cite{Kuk71}. \textbf{Ohio}\cite{Fet81a}. \textbf{Old}\cite{FR98}. \textbf{On-Line}\cite{Erc78, ÖE82, PBE03, DHM89}. \textbf{On-the-fly}\cite{EL89b}. \textbf{One}\cite{BT16, Gau65a, Hit57, Lit77, PS93, SLZ05, BBB89, Pol49, SF10, Spi85, Tes69, Car91, Jan77}. \textbf{One-Dimensional}\cite{BT16, PS93}. \textbf{One-Half}\cite{Lit71}. \textbf{one-step}\cite{Spi85}. \textbf{One-Variable}\cite{SLZ05}. \textbf{Ontario}\cite{Bro07, SIJ93}. \textbf{Ontwikkelingen}\cite{Dop42}. \textbf{Onvolledige}\cite{Dop42}. \textbf{OpenCL}\cite{MHSK16}. \textbf{Operand}\cite{EM04a, EM07, WS06, EM04b, ITY97}. \textbf{Operands}\cite{SF16}. \textbf{Operating}\cite{Rot70b, Sho86}. \textbf{Operation}\cite{SF16, SF96, SF93a}. \textbf{Operational}\cite{BC79, BDGP14}. \textbf{operations}\cite{BWKM91, Gon89, LD2DM16, Sch93a, Sch93b, TE06, VCV01}. \textbf{Operator}
operators [AHM+98, CG89, GS82a, GK89b, Hei88, Mit92, Whi82]. Optimal

optimales [von80]. Optimization [Dan77, DB13, Gly89, OLHA95, RdL01, Sin96, Pol88]. Optimizations

option [SR16]. oracles [Boy14]. Order

option [SR16]. oracles [Boy14]. Oriented

original [Chl11]. orlicz [Mus87]. Orthogonal

oscillating [UE05]. oscillatory [BO75, CY18, Vep08]. Other

overhead [MI97]. Overlapped [PZ95]. Oxford [Boi97].

P. [Coh12, Fet81b, Kun81, Szm13, Tal68, Wig67, Frö63a, T.57]. P. [Köl97].


papers [Spr00, Boe61, Boe62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, Har66, HKW60, Hea65, Hum64, J6, J65, Lan60, Lon59, Mec68, SF59, Tak66, Tho65, Tho66, Ver67, WC61, Wil68, WKG66, Woo67]. Parabolic

parameter [LC97b]. Parameter
[Tölo8, AG08, DD76, EC13, Fuk09b, Fuk15c, PS78, Roc82, YM03].

**Parameters** [DJ67, NPA16, Won7a, BS00, Bus74, GS88, KWY07a, KWY07b, MM95, Tem94a, Tem96b, Tölo8]. **Park** [IEE89b]. **Part** [Fet81a, NPA16, SZ70, Kru99, LU96, Ben83, Cas83, SZ74, SZ76]. **Partial** [Büh03, Sch16, AO08, Bus74, HBF09, MKS83, War75]. **Particular** [Völo8].

**Partition** [FNC75]. **Partitions** [AGJ86]. **Parts** [Bre85]. **Pathways** [Meg89a]. **Patras** [SC01]. **pattern** [Sid06]. **Patterson** [Fet81a].

**Peaks** [Phi79]. **Pendulum** [PS05]. **Pennsylvania** [Tra76]. **Percentage** [Fet79]. **Perfect** [Dun90, dDM06].

**Performance** [ASA06, BTDS11, Cod90, Gal85, SK11, SL95, CL00, CP99, Gal86, MMW91, MM92, SA00, WMDM92]. **Performance-Driven** [ASA06]. **Perimeter** [Adl12]. **Periodic** [DR89, JW88, KS88, Lem88]. **Periods** [Tod90].

**Personal** [Egb77]. **Perspective** [BIS01]. **Perturbation** [Hom96b, Boy14]. **Perturbed** [JSS96]. **Phase** [CH70b, FKY86, CS83, Hor17].

**Phase-integral** [FKY86]. **Phenomena** [Sti88]. **Phi** [Hin77]. **Phys** [Tho04, VRS+99]. **Physical** [Flo15, Mat93]. **Physicists** [AW05, AWH13c, Arf85, AW01, Fet81b].

**Mathematics** [Dun90, dDM06]. **Mathematicians** [AW05, AWH13c, Arf85, AW01, Fet81b]. **Mathematics** [Fet81a, NPA16, SZ70, Kru99, LU96, Ben83, Cas83, SZ74, SZ76]. **Mathematicians** [Fet81a, NPA16, SZ70, Kru99, LU96, Ben83, Cas83, SZ74, SZ76].

**Physics** [AW05, AWH13c, Arf85, AW01, Fet81b]. **Physicists** [AW05, AWH13c, Arf85, AW01, Fet81b]. **Physik** [Sne63]. **Pick** [Ped03].

**Pick** [Ped03]. **Piecewise** [KP75, SDP11, Fuk15b]. **Piecewise-Polynomial** [SDP11]. **Pipeline** [Dil90]. **Pipelined** [CCCP99]. **Pipelining** [TE06].

**Pitfalls** [Bol06]. **Pittsburgh** [Tra76]. **PLA** [EL89c, EL90]. **Places** [Knu62].

**Plane** [BDG+72, EW76, BDG+84, CM83, Tölo8]. **Plesset** [Dil90]. **Pocket** [McC90, Nor89, Pag77, Lin89]. **Pocket-Calculator** [Nor89]. **Pocketbook** [Bar14]. **Point** [AAHTH10, BM04, Bl197, Bra87, CH98, DGS65, D+89, DHL+04, GB91, Has00, Hul78, IP17, JKM11, JMW79, Kah80, LP16, LP17a, LP17b, LD89, MMN91, Mey01, Rev16, Rus89, Sch88b, Smi91, Tan90a, Tan90d, Tan92, WS90b, DLM11, Ano67, BBC+91, BS06, BWKM91, BCK+93, Bol06, BM604, CHGM09, Cro92, GLM15, GM88, HHR00, Hou81, KMY99, Kra98, Kra98, Kul07, LbdDM16, LKH93, LC97a, LMOT01, MT72, MG89, MPG92a, MPG92b, Mat90b, OY91, Ohe99, OJ04, PPS00, Rus99, SF93b, Sko04, Smi01, SL97, Ste90, Ste90e, TE06, TRHH94, Vdv99, VCDV01, WN03, dDM06, dDf13].

**Point/Integer** [D+89]. **Points** [Bra87, FCC73b, Bos89, DK82, Fet79, PA86]. **pointwise** [Som82]. **pointwise-Lipschitz-continuous** [Som82]. **Poisson** [Gil16]. **Polarization** [FR76]. **Polya** [EH89, MRS17, MRS18, Sta17].
KK99, LMT97, Mar85, MC87, Mil75, MT86, Ric92, T+97, USE88, Wah04,
Zahl94, ACM89, Ano06, Boi97, BCFP94, Bro07, BCDH09, DIW00, IEE05,
IEE13, KM07, Men06, MS94, SO11, SC01, SKL93, Spr00, Gre16, RDK98].

**Process** [Whi63, Bel90]. **Processes** [SK71, Bre83, Ebe89, Ruy89, Wen01].

**Processing** [Lav80, SKL93, JL94, Luk99]. **Processor** [D+89, Dav81, Nav83, Rus98, AGS99, DMS95, Mar90, Mat90b, PKS00].

**Processors** [IEE89c, Rev16, T+97, VDR95, BBC91]. **product** [AB88, Gla74, LW89, Max91, MS15, VC06a]. **Production** [Sch76b, Sch77b]. **Products** [KKI67, MS68, Sol69, LK73, RKZ14]. **Professor** [AEF92].

**Professor** [AEF92]. **profile** [Dav59]. **Program** [Bar76, Tem79a, BDM81, Bar84c, DSK83, DF84, LMS73, MKS83, NT84, SSG+18, Wen64, Wie99, Zei91]. **Programmable** [LA85, LE95, LE93].

**Programming** [Bee17, Chr62, DGS65, Frö63b, ISO10, Meg89b, Mul82, Ano67, Chrl65, Gon89, KMY89, Meg89a, PUHM12]. **Program** [Bar76, Tem79a, BDM81, Bar84c, DSK83, DF84, LMS73, MKS83, NT84, SSG+18, Wen64, Wie99, Zei91]. **Programmable** [LA85, LE95, LE93].

**Programs** [Bai93, BBM84, Cau54, Cod90, Köl72a, Köl84, Mos89, TGC89, WNO94, BW89, Dan94, Fuk83, Gon89, Tho97b, Tho97a]. **Progress** [FLR03, Meg89b].

**project** [GST14b, Loz00]. **projection** [Som82]. **projections** [Via89]. **projective** [Via89]. **Prolate** [LP61, LP62, MC04, Osi13, SP61, Sle64, Sle65, Sle78, RX07, SS65]. **Prony** [LB09]. **Proof** [Rus98, BMZ06, Bol06, Leh83a, Leh83b, Mim88, Rus99, Zim00].

**proofs** [CHGM99]. **propagation** [GK70a]. ** Properly** [HA5]. **Properties** [Bar10b, Ku52, RGK72, Sch76a, Sho02, Sie76, AB88, BG84, Che11, CB12, Che16b, GH92, GL01, Her82, Hig77, Kra89, Mak80, Mat92, MC04, MO18, RIs79, Ruy89, Tre80, Tri50]. **property** [AR99].

**Proposed** [Dri89, Dri91a, Dri91b, Kah80, Loz96a, Loz97a, Sal92, Squ91a, Dri91d, Dri91c, Hou81, Squ91b]. **Provably** [Dun87a, Dun87b, Dun88, Dun94a, Dun94b]. **Prover** [Bor02]. **provider** [Ste08]. **Proving** [CH98, Bel89, Zei91]. **proxy** [Boy14]. **pseudo** [Bre74].

**pseudo-random** [Bre74]. **Pseudodivision** [SK71]. **Psi** [Amo83, CST73, Din58, Moo67, SB71, Tho65, ALz97b, AR99, Che11, CB12, Che13a, CE15, Ele15, Kat78, MM95, YCZ15, Wim74]. **Punch** [Gel51].

**Punkte** [Bra87]. **Purdue** [Zah94]. **PVM** [PNV01]. **Pythagorean** [Dub83, MM83].

**Quadratwurzel** [Rot70a, Kun81, Rix82]. **Quadratwurzel-Algorithmus** [Rix82]. **Quadratwurzelfunktion** [Hol69].

**Quadratwurzeln** [Die83]. **Quality** [Boi97, Atk79]. **quantile** [SE14]. **Quantiles** [Hil70b, eL79, Hil81b].

**Quantisation** [PS05]. **quantities** [DP92]. **Quantum** [MCT18, Var95].
Quartic [Flo15]. quartically [Bai88]. quasi
[Cri82, GM88, MG89, MPG92a, MPG92b]. quasi-analytic [Cri82].
quasi-fractional [GM88, MG89, MPG92a, MPG92b]. quasicon
tuent [AS03]. Quasipower [Pas95]. quasifractional [Bai88].
quasi-analytic [Cri82, GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
quasi-analytic [Cri82]. quasi-fractional [GM88, MG89, MPG92a, MPG92b].
quasicon
uent [AS03]. Quasipower [Pas95]. quasi-fractional [Bai88].
[ALMN05, BTDS11, EIM+00, Int03b, IM99a, IM99b, LA01, LA03, PB02, Tak01, WS06, CLZ04, FW84, GKEK04, JL94, Sei99, Wri84]. **Reciprocals** [BTDS11, SW99a, CO86, Sin96]. **Reciprolation** [ELMT00]. **Recoding** [ZCL15]. **recognition** [MS82]. **record** [Rah01, Sin95]. **recourse** [BW89]. **Rectangular** [WG94b]. **Recurrence** [Act74, ALMN05, Fat16, Gau67, GT59, LA01, LB90, Lew85, Lew87, Mec68, OS72, Olv88, Pre10, Sch77a, EL94, EM03, Lev91a, LE93, VC06b]. **Recurrences** [Tha79]. **Recursion** [GM04, LDP93, OSS09, Wim68, Wil71]. **recursions** [GST07b]. **Recursive** [Chl11, Fuk13b, Gau61, GK70a, Gau99, SG76, Ekl01, SS10]. **Redheffer** [ZS08]. **Redheffer-type** [ZS08]. **Reduced** [CM13b, CS83, MKS83]. **Reducibility** [JMMW79]. **Reducing** [MC93, MC95]. **Reduction** [BDL09, BDK05, Car70a, CF00, JSH11, MM95, NC66, Shi93, Smi95, SLZ05, BK16, DMMM95, Gra02, HTHR94, VB81, vRdL88, BK16]. **redundancy** [HF95]. **redundant** [LKKH99, LP83, MC93, MC95, Sei99, ZXBZH01]. **reelle** [Bra87, Krä87, Müll90]. **réels** [Mul85b]. **Reference** [Car74, HH18]. **refinement** [KI16]. **Regency** [IEE89c]. **regimes** [YM03]. **Region** [IEE85, Fet74, MO18]. **Regional** [Men06]. **Regular** [AS95, CP70, Ike75, Ike76, Sha76, Bar81, Bar82c, Nes84, SSG+18, Gau66b, Gau69b, Köt69a]. **Related** [Abr64b, CR68, Dav64, Fle68, GC64, Har66, Hit57, MR71, Meg89b, Pri66, Sch16, Smi11, Sou64, SZ70, SZ76, BP01, Che11, CP15, DGS18, FW80, Fra81, Fre09, LM08, LM15, LSM16, Mac72, Ped03, Qi14, Sch78c, Smi01, SJ01, Uni49]. **Relating** [BC62, Boe61]. **Relation** [PGA18, FKY86]. **Relations** [Gau67, GM04, HP62, Lar69, LB90, Olv88, Act74, Cri82, Gra02, Lev91a, Lew85, Lew87, Wil71, Ye17]. **Relationship** [Hin77]. **relative** [GLM15]. **Relatively** [Zag17]. **Reliable** [CVW06, Mac89]. **Remainder** [CH98, CHI+03, Int03a, Qi14, VCV01, Wil12]. **remainders** [MC93, MC95]. **Remark** [Amo90, Amo95, And00, BB74, CP70, Fri72, Gau69b, GK70b, Gau97, Gra63b, HH18, Hil81a, Hil81b, HP85, Hol70, Jan77, Jef62, Kød07, Köl69c, Kop74, Mac68, Mor76, PH76, PSB76, Pit67, Poni76, RS81, Red70, Sch78b, Sko75b, Sko75a, Sko78, Vos73, Zag16, eL76, eL79, Ber08, Köl69a, MC95]. **Remarks** [Fri72, Häv81, HJ67b, Köl72d, Pol49, Hit75, Luk75]. **Rep** [Fet81a]. **Repeated** [Gau61, Gau77b, Gau16]. **Replacing** [MM83]. **Representation** [GRS87, Kaz65, Mul85b, PGA18, VK95, Mul85b, CS11, FF54, FF57, Kar01, Mar95, Var95]. **Representations** [ADN03, LW89, Mat04, NS09, Bus74, Die80, Dut86, Ism77, KRT02, LKF10, Qi14, Vi88, WS84, Wen07]. **representing** [Hai60]. **requirements** [Wil96]. **Res** [ACG+87, Fet81a]. **Research** [Ask75, IEE89b, IEE99]. **residual** [Kaz65]. **Residue** [OTY91]. **Respect** [Lau73, AG08, Bus74]. **respectively** [Kra95]. **Response** [Sho02]. **Restoring** [MCT18, OLHA95, LC96, LC97b]. **restricted** [vdD88]. **restrictions** [Spi85]. **Result** [Krä93, AK93, Che16a, MC93, MC95].
**Résultats** [DGB80]. **resulting** [Che15b]. **Results** [Lef05, SF16, Sri70, DGB80, DHM89, EIN89, Elb01, Fdi97, GAZK03, JJW86, L88, LM93, Per85a, SW88, VB81]. **Reversion** [FO99]. **Review** [Ars62, Kol87, Kol90, Wig67]. **Revised** [Dun94b, Loz97b]. **Revision** [MHSK16]. **Revisited** [SZ05, BF92, Par16]. **RFSFNS** [VRS+95, VRS+99].

**Ricatti** [Bra70]. **Richardson** [Fil66, Fil66]. **Richardson-Algorithmus** [Fil66]. **Riemann** [BM15, BH18, BBC98, BBC00, CHT71, HP62, HG64, Kol70, Mar65, Rzq12, Sko05, TKK17]. **Riesz** [TV09]. **Right** [SL97, Bry02].

**rigid** [CZ10]. **Rigorous** [Joh14b, Joh15, Rum01, Yoh70]. **rigorously** [Joh16].

**RISC** [Mar90]. **Risch** [Laz85, Mos69]. **RMM** [Sho02, Sho05]. **RMM-Based** [Sho05]. **RNC** [Ano06]. **RNC5** [Ano03]. **Robust** [Mac89, DR04, VT11].

**ROM** [Spr00, GP84]. **Romanian** [Hai60]. **Romberg** [EM86]. **Root** [ARH14, AH10, Ale77, AMTM78, AMT76, BV85, BO93, BR73, BH07, Cat86, Cod64, CH98, CH1+03, CL94b, Cow64, D+89, EIM+00, ELMT00, EM04a, EM07, Esc37, Fik66, FR98, Fri67, Ful99, Gar75, Gar80, GBKK99, HAK91, Hei96, Hol69, HA85, Int03a, Int03b, IM99a, IM99b, ITY95, Joh87a, Kahl99, KM97, Kin65, KP99, Kog59, Kor05, KNS95, Lan42, LM95, LA01, LF92, LE95, LD89, MIT+95, MKY92, MM91b, MCT8, Nan11, Ngu98, Nin70, OLHA95, OE82, Par06, PB02, PBLM08, PZ95, Rix82, RHML08, Rol87, Rot70a, Rus98, Rus13, SHT2, SK71, SG02a, SF96, SL95, SL97, Swa65, Tak01, Tha61, Wad58, Wa80, WS05b, Wil70, WS06, Yon70, Zin99, ZG87, AHN+98, AGS99, AN012, ALB98, Bas01, BMZ06, Bic81, Bra84].

**root** [BMST97, BH01, Bur82, CF00, Cat85, Che71, CH89a, CH89b, CL94a, CL95, CL00, CGHM99, DD76, DK83, EL89b, EL89a, EL90, EL94, EM03, EM04b, Fan89, REL96, Has00a, Has00b, Hay99, Hig93, HF95, Hon71, HFS99, IYT97, JL94, Joh11, Joh87b, KM93, KP98, KI04, LM92, LM99, LA03, LKH93, LKHK99, LO95, LC96, LC97a, LC97b, LE93, LMT+92, Lyo91, MST89, MJ97, Mat90b, MMW91, MM91a, MM92, MM93, MJ92, MC89, MC91, MC93, MC95, MWH+18, NL99, Obe00, OJ98, Ped80, PS86, Pr04, Pr03, Rus99, Saw02, Sch73, SF93a, SF93b, Sch95, Ste89, Ste08, SL63, Str59, Tak00, Tay81, TVC00, TE06, Tom00, Tuk48, VCV01, WN03, WMDM92, ZXBZH01, ZLC04, Zim00]. **root-extraction** [Hay99]. **rootfinders** [Boy14].

**rootfinding** [HP93]. **Rooting** [Alt79, Erc78, Gar79, Has90, Maj85, Met65, Rgk72, CCC96, CCP99, CM90, CP99, IYT96, KB89, KK99, Liu95, MM90b, Par99, WG92]. **Roots** [ADN03, Ahr96, BB12, BFHT85, BJK+11, BTDS11, Cam86, Car74, Che72, CG85b, Cre98, Ded26, Die83, Fet76, Gar80, GLR07, HCK09, JJ65, JKMR11, Joh89, Kal34, Kum81, Li71, MK71, Maj72, MM83, Mül04, Mur88, PS77, PS78, Sar59, Sch84, Sch85, SW99a, SW99b, Tor02, Tra60, Yoh70, Yoh73, BH99, Bur82, CL11, CO86, Cre91, CLZ04, Dut86, Egb77, Eve63, Fre81, GS12, HHR00, HR05, HR07, Jam89, Jam99, KK96, KCYL06, Mur99, NS13, Özb06, Pen81, Per85a, PC93, PS79, PV01, QW06, RS98, Sar60, Sin96, SD85, Tur94, VRS+95, VRS+99, Yey92, Zen04]. **Rotation** [ZCL15]. **Rough** [Gor82].

**Rounded** [GLT+15, HA85, Kahl96, LA01, SS94, Ziv91, Ano14, BM04,
CLZ04, LMT98, LM00, SS93b]. Rounding
[BJK+11, BTDS11, IM99b, LM95, LL09, LM03, Lef05, RN96, Sch95,
TBDS11, ALB98, EL89b, LM99, PEB02, PBE03, SS93a]. Routine
[Ale77, Kin65, Swa65, Tur69, Cat85, Fre81]. Routines
[Ful77, Sch76b, CZ10, GST02b, GST02c]. Royal [MC87, Mil75]. Rule
[Ric73]. Rules [GST03b, BDGP13, GST02a, Hay99]. Runge [Cas83]. runs
[Bre18]. Russian
[Köl90, Bar72, BSY82, BL71, Dan77, DK77, DF78, DZKK77, Fog51, Kai89,
Kaz65, Kon76, Kra85a, Kra85b, Lin57, LP83, Mak65, Mak80, Pei63, PT80,
PS93, KR86, Saa91, Sal76b, Tes69, Tre80, Tur72, ZSA86].

S [Fra81, Köl90, WOG95]. S-3800 [WOG95]. S13 [Gau73]. S14
[PSB76, Pom76, eL79, Dor68, Gau79a, HD73, Hil73a, Hil77, Kuk72a, Kuk72b,
LT71, Sch78b, TS69]. S15 [eL76, Ber68, Gau69a, HJ67b, Mac65, OW68]. S16
[Cob69, Gau65a]. S17 [Sko75a, Bar74, Gau64a, Gau65b]. S18
[ADW77a, Amo78]. S20 [LG64]. S21 [Sko78, CN81, Eck80, Far69]. S22
[Cle69, CP70, Gau69b, GZ75, Köl69a, Köl69b, Köl69c, Mor76]. Šančara
[Hay99]. Saddle [FCC73b]. SAIN [Kee82]. Salzer [Ano84]. Sams
[VDR05]. Samples [Pom74, Pom76]. San [Koo91, SE11]. Sanskrit [Plo96].
Santa [ES89, IEE78, MSH+16]. Santander [GST14b]. satisfactory
[GST07b]. satisfying [EM94]. saturation [Hei88]. Scalable [OJ04]. Scalar
[ACG+86, FFS83, ACG+87]. scaling [ALB98]. SCAN [UL90]. Scattering
[Len76, MS68, Car82, Kres89]. Scheme [Chil11, Kai89]. schemes
[CH78, Hav79]. schisleniya [LP83]. School [HUY07]. Schranken [Rot70a].
Science [IEE89b, LMS99, MC87, Tra76, RM07]. Sciences
[MS94, Spr00, Bar14, Mat93]. Scientific
[AK93, Lov53, MT85, Pri66, SKL93, AEF92, MT86]. scientifique [AEF92].
Scientists [BF71, Bel68, Bel04, Lau95, Lau04, MH08, Sen67, Köl97]. Scorcer
[GST02c]. search [Hig93]. Searching [SLZ05]. Secant [Plo96]. Second
[BR70, Car87, CMF77, DH59, AEF92, FL67, Köl97, LW63a, LW63b, LB90,
Mec66, Olv79, SW99a, Van69, BL96, BL91, DAF12b, FET81b, Fuk11, Gla74,
Her61b, HvdR63, IKK91, Jam81, Koo91, Lar66, LLK14, Mid75, Mor99,
PDK96, RDK98, Tem76, VC06b, WC90, YM03]. Second-Order
[LB90, Olv67]. sections [Müll99, Rus88]. Segment [Lef05]. select [CL00].
selected [Ban01, TB87]. Selection
[Kor05, LM95, Rus13, ALB98, PEB02, PBE03]. selections [Som82]. Self
[CC69, GREL96, LKHK99, MIT+95, UL90, CCCP99, MI97]. Self-contained
[CC69]. Self-Timed [MIT+95, LKHK99, CCCP99, MI97]. Self-Validating
[UL90]. semantic [PUHM12]. Semantics [BWKM19]. semi [Cro92].
semi-infinite [Cro92]. Semicirculant [HBS00]. semigroups [Fei78].
seminar [Ask75, Laz85]. Sense [Dar70]. Separable [FLMR00]. Separation
[Str56, SMCH41]. September [Ano03, ES89, IEE89a, SC01, Wahl04].
Sequence [Alb62, Cod83, Tro84, Wim81, Hom98b, Mus87, Wen89]. Sequences
[Bra65, FFS83, Osa90, Bre78a, Del81, DGB82, Ekl01, GB90. 
Sequential [Kar84]. Series [AGS99, AS54, BM15, BS98, Cah54, CRZ00, Fat16, FFS83, Fuk12, Gas81, GS82b, Hom96b, Hum64, Kao04, KC76, Luk59, LC61, Pie84c, Plo01, Pri75, RS81, Sch16, SJ01, Van69, WR71, Wre68, Wre73, AO08, Air37, ADJG02, Ano84, BR15, BB03, BB94, Boe91, BF92, Bor10, BS78, Boy09, Boy14, BCG91, CR08, CGKZ05a, CGKZ05b, DTL98, De 91, DT09, SJ01, Van69, WR71, Wre68, Wre73, AO08, Air37, ADJG02, Ano84, BR15, BB03, BB94, Boe91, BF92, Bor10, BS78, Boy09, Boy14, BCG91, CR08, CGKZ05a, CGKZ05b, DTL98, De 91, DT09, Del79, Dom03, Gus87b, Gus84, Has02, HBF09, Hom94, Hom98b, Hom99, Kat78, Kra95, Lav86, Lew94, LP95, Lop98, McC83, McC81, MC04, MS87, Ng68, Ole96, Par09, Pas95, Pas80, PBN93, Pie84b, PM86a, PMB92, PMB92, Sal83, Saw02, Sch76a, Sch77a, SLH06, Sid06, SJ12, Vep08, Ver77, Wen89, Wen01, Wen07, Wen10, WN09, Woż10, ZK97]. Service [Loz96a, Loz97a]. Session [DM08, Ric92]. Set [DPC95, Tem94b, DGB82, GP84, Hay99, Hom94, Hom98b, Hom99, Kat78, Kra95, Lav86, Lew94, LP95, Lop98, McC83, McC81, MC04, MS87, Ng68, Ole96, Par09, Pas95, Pas80, PBN93, Pie84b, PM86a, PMB92, PMB92, Sal83, Saw02, Sch76a, Sch77a, SLH06, Sid06, SJ12, Vep08, Ver77, Wen89, Wen01, Wen07, Wen10, WN09, Woż10, ZK97]. Setting [Rah01]. Several [Lop98, Che13b, CC17, KS88, Liu93]. Sexagesimal [Arc43]. Shanks [AGJ86]. Shared [MIT+95, Fan89, KP98, LKKH99]. Sharp [BD85, Mor14, QV96, YC15, MRS18, SR16]. sharpened [Kai89]. Shift [CH70b]. Shifts [BM04]. Short [ADN03, Boo61, Boo62, Bur63, Bur64, Fet67, Fra65a, GB68, Gla66, Har66, HKW60, Hea65, Hum64, JJ65, Lan60, Lon59, Mec68, Moo67, SFL9, Tak66, Tho65, Tho66, TM68, Ver67, WC61, Wil68, WKG66, Woo67]. Should [PW76]. Shrivenuham [MC87]. shuffle [SR81]. shuffle-exchange [SR81]. SIAM [SKL93, IP87]. Side [JW88]. Sided [S84]. Sieve [N89]. SIGAda [ACM87]. SIGForth [Koo91]. sigma [Töö67a, Töö67a]. Sigma-Funktionen [Töö67a]. sigmoid [WR96]. Sign [Kah87, HHR00, Sid06]. signal [JL94, Luk99]. Signals [Si95, LP62]. signed [CA00, LKKH99, RN96]. signed-digit [CA00]. Significant [BL94, DM88a, DiD90, DM92]. SIGSAM [ACM89]. Similar [Tho66, Völ83, Act74]. Simple [BS79, Jan11a, Jan11b, MC91, VLCSFN+12, Zag17, von84, CB09, Chol4, Cre91, Dom03, KRZ98, Leh83b, Lew94, NS13, PNV01, Vai89, Wen64]. Simpler [Lin90, Sha85]. simplex [Bl88]. Simplification [Bro89a, BBD03, BD02]. Simplified [TM68, WA80]. simply [SE14]. Simulation [To63, Gly89]. Simultaneous [Gar79, BL96, Bel90, KI04, Sun88]. Sinc [GS91]. Sine [Cun62a, Cun62b, Plo01, SZ76, Tan90c, Bak76, BS11, Har00, JL94, PKS00, Saf10, Paw11]. sine/cosine [Bak76, JL94, PKS00]. Single [Fra65b, HHv+73, LP16, LP17b, SH72, Hon71, LC97a, MI97, WG95]. Single-HHv+73. single-rail [MI97]. singular [BS06, DK82, Mus87, Whi82]. singularities [Tim87]. sinularly [JS98]. sistemakh [LP83]. Sivashinsky [AGH89]. Six [AFN10, WOG95, ZS08]. sixteenth [Hay99]. sixteenth-century [Hay99]. Sixth [SKL93]. size [Bel89, Par99]. Sketch [Lov43, Lov89]. skew [Kru99]. skew-symmetric [Kru99]. skipping [MC91]. Slepian [MC04]. sloping [Ehr89]. Slow [LB09, Wil70]. Slow-Fading [LB09]. Slowly [UE05, Lew94, WN09, Woż10]. Small [Der77, ELMT00, Pom74, Pom76, BZ92, GST15a, Pie84d, Shi93]. Smirnov
[Pom76, Pom74]. Smooth [Pol88, KS88, Pro88]. smoothing [BD85].
Smoothness [GK89a]. SMT [KI16]. SMT-based [KI16]. Sobolev [Zie89].
Society [Ban01]. Software
[And82, Bec17, Boi97, Cod71, CW80, Cow77, CBBV10, Gre16, Joh87b, Kah80, Loz94, Loz96a, Loz96b, Loz97a, Ric71, Sch77b, Tan90c, WNO94, dDM06, Cod82, Ein79, GST14b, ISO10, KRVZ98, Mac94b, Mac96, Smi01]. solids [Har77]. Solution
[Die83, Hom96a, LB90, Mil57, Pre55, Rob55, DK77, Lev91a, Spi85].
Solutions [Cle69, Fri72, Olv67, GST04b, GST07b, RdL01]. Solver [Flo15].
solves [SD85]. Solving [Boy14, Fuk83, Gon89]. Somastuvan [Hay99]. Some
[AB88, Alz93, Bak75b, BM80, Bre82b, Car70a, Che11, CB12, DHM89, Elb01,
Erc72, ELMT00, Fdi97, FB91, Fil66, GB68, Gla66, Gla74, HP62, Her82, Hit75,
HKA93, Ker83, Kin21, Lav86, LM07, Lu14, LMS15, LM15, Luk75, McN73,
Mon83, Osa90, Pas03, PC93, QM15, QV98, RGK72, Ric68, Ruy89, Sle65,
SW88, Tan90c, XC14, Alz97b, Alz97c, Arm82, Bak73, Bak75a, Bre78a, CC17,
De 91, DF78, FW80, Fra81, FW85, Gau11, GM84, GK89b, HP93, Hei88, Hol90,
Kui52, Kza92, MT72, MY91, MC91, Now06, OSS09, Pal98, PSS6, QGG10,
Rzq12, Sed90, SL83, Sim64, Ter81a, Tre80, Wen01, WN09, Woz10, VB81]. Sommerfeld [Fuk14a]. Soni [Coh12, Wig67, Szm13]. Sound [HJ96].
sources [Wil96]. Southard [T.57]. Southeast [Men06]. Space
[CGKZ05a, CGKZ05b, LP62, Mus87]. Space-efficient [CGKZ05a, CGKZ05b]. spaced [FK88]. spaces [AB88, Som82, Yos97, Zie89].
Spanish [MCM90]. Special
[AGL93, AK09, And98, AAR99, AKS01, Bal00, Ban01, Bat07, BW10, Bel68,
Bel04, BS11, Bre80a, BIS01, Car70b, Car77b, CMW63, Cod75, CVW06,
CPV08, CBBV10, Deu76, DM08, El 06, Fei78, Ful77, Gau75, GST03b,
GLR07, Hoc61, Joh14b, Kii87, Koo91, Kor11, Leb65, Leb72, Loz94, Loz96a,
Loz96b, Loz97a, Loz97a, Luk69a, Luk69b, MH08, Mil65, Mos72, NU88, Olv74,
Rai60, Ric92, SF16, Sch76b, Sch77b, SC01, Sne56, Sne61, Sne63, Sne80,
SZ70, SZ74, SZ76, Szm13, Tul86, Tem96a, Vil88, WG89, Wig67, AO08, Ano93,
An09, Aro84, Arsl00, Ask75, BC09, BBC+14, Ber01, Bre10, Buc69, Bus74,
Car82, CKT07, CDS00, Coh12, DKK80, DIW00, GI01, GG08, GST02a,
GST07a, GST14b, HBF09, Hig77, ISO10, IK05, Koe16, LO94, Mac96].
special
[MO49, MOS66, Mar88, Mat93, Mil68, Mos69, PNV01, RDK98, SAT93,
Sen67, Sid06, Tem83b, Tem07, TöL66, TöL67a, Tri66, Ubb89, VDK95,
WS84, Wen01, Wem00, Wim82, ZJ96, vLTF84, Ban01, Die80, DM08, Her82,
RBM64b]. Special-Function [Kor11]. Specialness [Batt07]. Specific
[GBKK09, HCK09, T+97, VDR05]. Specification [MHSK16]. spectral
[Koe16]. Speculation [CL94b]. Speed
[CG85b, JSH+11, Maj85, PB02, POMB05, RGK72, SW99b, SC71, SA57,
ZG87, BHJ05, CCCP99, Fan89, LMT+92, Mar00, Sei99]. spezielle
[TöL66, TöL67a, Sne63]. Spherical [AM78b, AM84b, Bra73, GF97, Har00,
Hob31, Hob55, Jab94, MS67, O'B80, PS05, BDGP14, Cai11, Del79, Del84,
Spheroidal

[Fla57, LKL02, Low64, Osi13, Sle64, Sle65, Sle78, Str56, V^+75, LP61, LP62, MC04, OWS^+14, RX07, SP61, SS55, SMCH41]. SPIE [Luk99]. Spline [Lin79a]. splines [DR89, Sab08]. split [WG92]. splitting [Kre89], sponsored [Ask75]. Spring [AFI71]. Springer [Fet81b, Köi77]. sqrt [Rah01, Kah96].

Square [ARH14, ADN03, Ahr96, Ale77, Alt79, AMT78, ALMN05, AMS76, BB12, BV85, BO93, BR73, BFHT85, BJK^+11, BH07, BTDS11, Can86, Car74, Cat86, Che72, Cod64, CG85b, CH98, CHI^+03, CL94b, Cow64, Cre91, Cre98, D^+_89, Die83, Eg377, ES99, Erc78, EIM^+00, ELM04a, EM07, Esc37, Fik66, FR98, Fri67, Gar75, Gar79, Gar80, GBKK09, HAK91, HCK09, Has90, Hei96, Hol69, HA85, Int03a, Int03b, IM99a, IM99b, ITY95, ITY96, JLY94, JLY95, JKM91, Joh87a, Joh89, Kah99, Kal34, KM97, Kin65, KP69, KK98, Kor05, KNS95, LM95, LA01, LA03, LF92, Liu95, LE95, LD89, Maj85, MK71, Maj72, MIT^+95, Met65, MKY92, MM83, MM91b, Müi04, MCT18, Nan11, NF63,Ng98, Nin70, OLHA95, OE82, Par06, PB02, PZ95, RGK72]. Square [Rix82, Rob69, RHML08, Rol87, Rot70a, Rus98, Rus13, SH72, Sar59, SK71, SG02a, Sch84, Sch85, SW99a, SW99b, SF96, SL95, SL97, Swa65, Tak01, Tha61, Tor02, Tra60, Tur94, Wad58, Wal80, WS05b, Wil70, WS06, Yoh70, Yoh73, Yon70, Zim99, ZG87, AHM^+98, AGS99, Ano12, BH99, Bas01, BMZ06, Bic81, Bra84, BMST97, BH01, Bur82, CCG96, CCCC99, CF00, Cat85, Che71, CL94a, CL95, CL00, CM90, CO86, CHGM99, CP99, CLZ04, DD76, DSK83, Dut86, EL89b, EL89c, EL90, EL94, EM03, EM04b, Eve63, Fan89, Fre81, GST15b, GRE96, HHR00, Has00a, Has00b, HR05, HR07, Hig93, HF95, Hon71, HFS99, ITY97, Jam89, Jan99, Job87b, KB98, KK96, KM93, KCYL06, KP98, LM92, LM99, LKH93, LKKH99, LO95, LC96].

Squares [LC97a, LC97b, LE93, LMT^+92, Lye91, MST89, MIV97, Mat90b, MMW91, MM91a, MM92, MMH93, Mit92, MC89, MM90b, MC91, MC93, MC95, MWH^+18, Mur99, NM99, Obe99, OJ04, Özb06, Par99, Ped80, Pen81, Per85a, PS86, PV94, Pro93, QW06, RS98, Rus99, Sar60, Sow02, Sch73, SF93a, SF93b, Sch95, Sin96, SD85, Ste89, Ste08, SL63, Str59, Tak00, Tay81, TVG00, TE06, Tom00, Tuk48, VCV01, WN03, WG92, WDM92, Yey92, ZXBHZ01, ZLC04, Zim00, Kun81]. Square-Root [ALMN05, CL94b, Gar80, LA01, Wad58, Yon70, JL94, LA03, ALB98, GRE96, Has00a, Has00b, HF95, HFS99, KP98, LKKH99, Mit92, PR04, TVG00, Tuk48, ZLC04]. Square-Rooting [Gar79, Maj85, RGK72, KK98, Len90, Mar89, Par99, WG92]. square-roots [BH99]. Squared [HP67, HP85, el76, OW68]. Squarers [WS05a]. Squares [DB13, Maj72, Sto41, Rei86, SL63]. Squearing [Kar84, Sar60]. squeeze [Mar77], sries [Del84]. SRT

[MC95, BH01, HF95, Kor05, MMH93, MC93, Rus13]. Stability [Gar79, Gus84, Spi85, YH89]. Stable [Gus85, Fet74, VC06b]. stacks [Dem89], stage [Tol43]. Stages [PZ95]. Staggered [BH90]. Standard [BBM84, Dri89, GB91, Kah80, Lóp00, Nor89, Rum01, Sal92, Sha85, YBR11, AHM^+98, Cho14, DA12a, DA12b, Dri91d, Dri91a, Dri91b, Dri91c, Düm10,
Hou81, Kra88, McC90, Neh07, Squ91a, Squ91b, Squ91c, Tem85, WR96].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, Squ91d]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].

Standardfunktionen [Bra87, Kra87, Müll90, Rot70b, von80, von84].

Standardization [CHG+11, DHL+04, Kul07, von80, von84]. Standards [CHG11, DHL04, Kul07, von80, von84].
T [MCT18]. T-count [MCT18]. T. [T.57]. Table
[Bea58, Car78, Car87, Car88, Car91, Coh12, Fet81b, Fet81a, Ful81b, Hea65, Köl97, Lon59, Mac94b, Sa151b, SS97b, Sha76, Sou57, SS99b, Tan90d, Tan91b, Tan92, TM68, WD61, Car91, DC81, KPPS08, Par99, T.57].
Table-based [Mac94b], Table-Driven [Tan89a, Tan90d, Tan92].
Table-Lookup [Tan91b]. Tables
[AS64, AS10, Ano74, Arc43, BA44, Ben83, BC62, BL45, DK77, Emd40, Emd45, Emd48, Emd59, FC64, Ken14, Ken21, LFB60, LJ13, Luk71a, Luk71b, Luk72, Nis84, Pa19, Rus13, dLSGDR17, SS97a, SS99a, SZ0, Str56, Uni49, V+75, War60b, Bar72, CH78, Lutt95, Sal76b, SMCH41, Töl69, Töl70].
Tables-and-Additions [LJ13]. tabseltys [Bar72]. Tafeln
[Töl69, Töl70, Emd40, Emd45, Emd48, Emd59]. Tail
[GS12, GW91, HS78, Lin90, Bum10, Fet74, Lin89]. tail-end
[Fet74]. tailored [CR08]. taking [BH99, Str59]. Tampa [Ric92]. Tangent
[KB67, LP17a, Mar05, Pre78, Yum09]. Tangents [Pre55]. tanpi [Kah18].
Taschenbuch [Bar14]. Tau [ZB95, Zha95, Rap01, Zha96a, Rap94].
Tatu-method [ZB95, Zha95, Zha96a, Rap94]. Taylor
[Fat16, Müi99, Plo01, SG02a, Sch76a, Sch77a, Yel17, Lov53]. TC2 [Boi97].
TC2/WG2.5 [Boi97]. Tchebycheff [Tho65]. teaching [BL71]. Technical
Technique [Roh55, Vo159a, Vo159b, Dan77, Har77]. Techniques
[CH70a, GT59, Mec68, Mul82, SH72, TBDS11, Cro92, Hon71, RN96, dDM06]. Technology [IEE99, Lid01, Lid02, LMS99, ISO10]. tekhnicheskikh [PT80].
Teljakowskii [Leh83a]. Temme [Köl87]. teoria [Jür66]. Term
[Gau67, BJ15, Kra14]. Terms
[Th65, UE05, AS97, LöP18, MV98, Mor14, QM15, Sko05, Tem81]. Tesler
[Köl90]. Test [CHG+11, Cod91, Cod93, Kah96, LL09, Liu87, Loz96a, Loz97a, Tan90b, Cod82, Gom89, KI16, Sid06, Tan91a]. test-case [KI16]. Testing
[Sch77b, Tan89b, Tan90a, Wil96, Kul07, LMS73, Squ91d, VCV01]. Tests
[Par06, Mac94b]. tetrugamma [Che11]. Texas
[IEE85, IEE13, Koc91, Koo91]. Text [Pie96, BW10]. th
[CL11, CH89a, CH89b, Har14, Kog59, Rei69]. theatres [Sho86]. Their
[Amo73, AVV90, Dan82, DM86, Ike75, Ike76, Leb65, Luk69a, Luk69b, Tan91b, Wim81, Amo74, Ban01, Bar82b, Bar82a, Bar84a, Cac65, Din73,
DC81, Dut86, FLO04, FKY86, GG08, Gau11, ISO10, Jam89, Kor02, Leb72, McN73, MKS83, Neh07, PB82, RM07, Rit25, Sal51b, Sam02, Sau93, SC01, SO89, Sun88, Tem79a, Vac00. **Theorem**

[Bor02, SG02a, Bor82, Dav35, EC79, Leh83a, Leh83b, Rus88, CK88].

**Theorems** [Szm13, Wig67, CF00, Coh12, GKK00, MO49, MOS66].

**Theoretic** [Ike76, Tal68, Her82, VB81].

**Theoretical** [AKS01, Sun71, Wen09].

**Theory** [AH16, BCJV18, Che70, Fet65, Fra65a, GST02d, Tem75a, War60a, ZC70, Bul69a, GST03a, Koo91, Lev91a, Bor02]. **third-order** [Lev91a]. **those** [Tem79a].

**Theta** [MT64b, Tal66, Tal68, Tal69, Tal70, GB84, FNC75, Kuz15, Ye17, Tol66].

**Theta-Funktionen** [Tol66, Tol68, Tol69, Tol70].

**Thiele** [Mak80].

**Third** [Boe61, Car88, Fet65, Fra65a, GST02d, Tem75a, War60a, ZC70, Bul69a, GST03a, Koo91, Lev91a, Bor02]. **third-order** [Lev91a].

**Thought** [Bow53a].

**Three** [Gau67, Per85a, BK16, DR89, PS79].

**Three-Term** [Gau67].

**Threshold** [Lit89].

**Throughput** [AFo10, CCC96].

**Tight** [TBDS11, BMST97, Wm96].

**Timan** [Leh83b].

**Time** [Bre18, Ebe89, Kre89, LP62, MC93, MC95]. **time** [LP62].

**Tight** [Koh4, tool [VCV01], toolbox [RKZ93]].

**Tools** [Osi13].

**Topics** [Mil75].

**Toronto** [Hea55].

**Totally** [HR88].

**Tour** [Sri07].

**Traces** [Tem83b].

**Tractable** [IR08, LBC11].

**Trade** [Kuk71].

**Trade-Off** [Kuk71].

**Tradeoffs** [WN03].

**Trans** [Joh77b].

**Transcendence** [Mas75].

**Transcendental** [FB91, FI66, HKST99, Lir71, LASC95, Nav83, ST99, VVA09, Zuc64, Boy14, Car69, Eps75, GS88, Ng68, PS77, PS78, PS79, T643, T650].

**Transcendentals** [Har09a, LMK98].

**transfer** [SK99].

**transform** [AGJ86, EJ83, GM84, Wh99].

**Transformation** [Fet65, Bul69a, Fuk10, Hon9b, SS10, Tem85, RD98].

**Transformations** [Ng77, Sal89, Sch16, Wm81, Jam81, Lev73, KR86, Sko04, Wen89].

**Transforms** [Olv91, Ao93, BB82, CR08, Cz95, CY18, FW85, Gus85, KS04, Mac72, PB82, Tal83, Tal84, Tal09].

**Translation** [Bai93, Zad96].

**transmission** [Boe91].

**transmission-line** [Boe91].

**Transmutation** [Car82].

**Transportable** [Cod82].

**transzendente** [T643, T650].

**transzendenten** [Fil66].

**Trapezoidal** [Ric73].

**Treatise** [Wat66, Wat95, MS67, Sen67].

**Treatment** [Fr65, Che13b, CC17, GLP98, GM07, Hit75].

**Triangle** [IEE89b].

**triangular** [Kru99].

**Tricks** [Bli97].

**Tricomi** [MMV81, Tem83b, Wm74].

**Trig** [Sal92].

**Trigamma** [Fai19, Spo94, QM15, Ron86].

**Trigonometric** [AH16, Arc43, Bur64, Fow93, LaF54, Lew69, Rob55, dLSGDR17, Sal51b, SR53, Smi95, Vol59b, AIS+17, Kan96, LK73, Sch80b, dDIS13].

**Trinomials** [RHML08].

**triple** [CS11].

**Truncated** [WS05a, Fuku14a, Kuz15].
truncation [Bor10, McC74, Wen07]. Tschebyscheff [Hol69].
Tschebyscheff-Approximationen [Hol69]. tsifra [LP83]. tsifroI [LP83].
Tübingen [SO11]. Tucson [DM08]. Turin [AGL93]. Turkey [HUY07].
turning [PA86]. Tusnady [Ein89]. tutorial [Glo89]. Twenty [MS94, Sin95].
Twenty-Ninth [Sin95]. Twenty-Seventh [MS94]. Two
[AS05, BK78, Ben83, Boe61, Boe62, Car92, CVV65, FW13, Has66, MG89,
MPG92a, MPG92b, MS68, Sch84, SG99, Sol69, Sor94, Wad58, WEX14,
Wre98, Wre73, CF00, Cro92, Das94, DC81, GST02b, GST02c, Gla74, GM88,
LW96, Max91, PS77, PS78, Pol49, QW06, RKZ+14, Sue99, Yey92, Gus78a].
Two-Dimensional [WEX14]. Two-point
[MG89, MPG92a, MPG92b, Cro92, GM88]. Two-Sided [Sch84]. Type
[BJG+99, CCM11, FK11, Ge151, CG89, CGP12, Fdi97, GST03a, GLP98,
Häv79, Has02, Ha88, Kto00, Kto02, Lev91a, LW82, Pas92, Tem85, Vai89,
ZZ96, ZS08, Zhu10, KSVW07]. Typed [Sal92]. types [EMR82a].

UK [BBdD17]. ultimate [dDEG05]. Ultra [EMR82a, EMR82b, KO94].
Ultra-arithmetic [EMR82a, EMR82b]. Ultra-high [KO94]. Uncertainty
[Sle64, Sle78, LP61, LP62, SP61]. uncommon [Mac96]. Undecidability
[Wan74]. Undecidable [Ric68]. under/overflow [LM07]. Unified
[AFC10, AS10, AM78a, Che13b, CC17, GLP98, GM07, NKOY8, CL94a, CL95,
Häv81, HTHR94, Hit75, NU88, SA00, Wal71]. Uniform
[Boe91, DGS18, MR71, Oh91, Tem75b, Tem78, Tem83c, Tem96b, Bry02,
GST03a, Luk75, OGS82, Par02a, Par02b, Par16, Rei86, Tem85, Won73b].

Unifying [Par06]. Unit
[BS98, Min70, Nan11, ZG87, ALB98, BBC+91, Büh87, Büh92, Büh03, BH01,
Che71, DR04, LM99, LKH93, Lew85, Lew87, MI97, MS82, TRH94].
Unitary [Leh96]. United [Boi97, IEE89a]. Units [WS06, OJ04]. univalence
[KT59]. Univalent [SO89, Rus88]. Univariate [Div79, JKKl92]. universal
[HSW89, Rix82]. Universeller [Rix82]. University [AGA+80, Ask75, Bro07,
HUY07, Hwa85, IEE89a, IEE81a, IEE81b, IP87, Tra76]. unlimited
[HTHR94]. Unrestricted [Bre80a, Bre10, CO86, Fat16, Oly80]. unstable
[AGH89]. Unterstufe [Töl43]. Untypical [Pas10, Pas11]. unvollständigen
[Mah30]. unvollständige [Sch80a]. unvollständigen [Tri50]. Unwinding
[Hig18, JHC96]. Upper
[JS87, Jan11a, Jan11b, SS98, BW89, Cha82, Fet79, Fre09, LW96, LU96].
Urbana [Hwa85]. USA
[IEE13, MSH+16, BCD809, ES89, IEE05, LMT97, SE11, SKL93]. Use
[DB13, Pag77, Epp89, Lin89, Mim88, Mit92, MWH+18, Phi79, Tri66, Wil71].
useful [Vep08]. User [??79, Ful81b, Ful81a]. Users [Pri66]. Using
[AC87, Bec17, Der77, ELMT00, GST03b, GM04, HFT94, JF16, Kog57,
Kog58b, Kog58a, Kog59, Len76, MIT+95, MKY92, OTY91, POMB05, PZ95,
P95, PGK72, RS81, SA76a, Sal92, Sar59, SG02a, ST07, SF93b, SLZ05,
SDP11, Tra60, VVA09, WS05a, WS05b, WEX14, WG94b, WOG95, dDL11,
von84, AAHTH10, Bai88, Ben98, BMZ06, BZ92, Che81, CKL89, CA00, CP99,
Dem89, Ekl01, EM86, FLO04, GST02a, Gra02, Gus85, HBS00, Hon71, HFS99, KK98, LKKH99, Liu95, MMM93, McC77, PNV01, SH72, Saw02, Spe72, WG92, Yun09. UX [LMOT01].

[Cas83, Fri67, A008, Cro92, JS99, Mat90a, Spi85]. Valued [Mat04, PS11, Fab02]. Values [BY07, Cle69, DJ67, Fri72, GB68, GRAST16, HP62, HKW60, MM91b, SF16, TKK17, BS11, De 91, EC13, Fet81a, FW80, Fra81, Fuk09b, Gau59, GST15a, KWY07a, KWY07b, Kat78, Mou67, Pré10, RX07, Tem96b]. Vancouver [Gau94]. Variable
[Gar79, Bor10, BBC08a, CT88, GSS12, GRS87, Gly89, Har09a, Hig93, JKM11, KTO0, Kuz15, LKF10, NP18b, Par09, Sal89, WLK11]. View [DGS65, Mey01, Ano67]. Virtex [WN03]. viscous [Joh83]. Vistas [CKT07]. VLSI

W [Coh12, Szm13]. W. [Ker83]. Walter [Zah94]. Waterloo [Bro07]. Wave
[Abr64a, Boe69, CP70, Fla57, Frö55, Gau66b, Gun67, Ike75, Ike76, LKL02, Low64, Osi13, She76, Sle64, Sle65, Sle78, Str56, SG72, V+75, Vos73, BFSG74, BFSG84, Gau69b, Hum85, Kö69a, Kö69b, Kö69c, Kre89, LP61, LP62, MC04, OWS+14, RX07, SP61, SS65, SMCH41]. Wavefunction
[Bar76, Bar84c]. Wavefunctions [Köl72d, She74, Bar82c]. waves [Ehr89, MKS83]. ways [Boy15]. weak [Wil96]. Weakly [Zie89]. Weber
REFERENCES

Weierstrass [T.57, Eck76, Eck77, Eck80, Kl04, Lin78, Lin79b, PC93, Sou57, Sou64, Tod90, Tö166, Tö167a, Tö168, ZZ96].
Weierstrass-type [ZZ96]. Weierstrasssche [Tö166, Tö167a, Tö168].
Weights [HT13]. well [Vai89]. well-behaved [Vai89]. WG2.5 [Boi97].
Windschitl [LSM16]. Windsor [SL93]. Wisconsin [Ask75].
Wisconsin-Madison [Ask75]. Without [Kah89, Sarr59, Tra60, EL89c, EL90]. Work [WNO94, Fer07, GG08, Tem83b].
Working [Boi97]. works [CK89a]. Workshop [Bor02, Cow77, CDS00, DIW00, RDK98]. workshops [Koo91]. Worst [LM03, LSZ08, PS05, SLZ05, Kra98]. Wrigge [Fra81]. Wright [Fet81a, MM95]. Writing [DM91].

X [LDP93, HJ67b, LL09]. X8 [Rot70b].


Z [Gun65a]. Z80 [Kun81, Kun81a]. za [LP83]. ZEBEC [KRVZ98]. Zero [BS98, ES99, Hri57, Oti13, Pie84c, BF92, Bre75, Bre76b, Cha82, Gla74, IS88, MI97, MC93, MC95, SS65, Tse99]. Zero-Balanced [BS98]. zero-overhead [MI97]. Zeros [Abr45, Ano46, Bal00, Bea58, BK78, Ben83, CH70a, CS82, Dor66, FO99, GKS04, Ike75, Ike76, Kol70, Kol72b, O’S16, Tem79a, Wan74, Wil68, Ben98, BPD81, Coc65, CK79, DC81, El01, Elb01, EL08, FLO94, FS92, FCC73a, FO93, GG08, GS88, GS12, GL83, GR92, HKB75, ISK87, IS90, IKK91, IS92, IKF91, KRVZ98, LM93, LW96, LW95, Let96, LG79, LU96, LM08, Mah30, Mul95, Par72, PS86, PSS03, Pie84b, SG99, Seg08, SL83, SZW11, ZZ11]. zeroth [Wal84]. Zeta [BM15, BH18, BBC98, BBC00, HP62, Kol70, Lin78, Lin79b, Mar65, Rza12, Sch16, SJ12, TKBK17, Tö167a, BB15, BS06, CH71, Joh15, PDK96, Pré06, Sko05, SJ01, Vep08, HG64]. Zeta- [Tö167a]. zur [Die83, Hol69, Hom96b]. Zurich [Lak96, Tö97].

References

Cray:1990:PCU


Akbarpour:2010:VSI

REFERENCES


Andrews:1999:SF

Albrecht:1993:VNT

Alonso:1988:SCN

Aberth:1988:PNA

Abramowitz:1945:ZCB

Abramowitz:1964:CWF
Milton Abramowitz. Coulomb wave functions. In Abramowitz and Stegun [AS64], pages 537–554. LCCN QA47.A161 1972;
REFERENCES

QA 55 A16h 1972. Tenth printing, with corrections (December 1972). This book is also available online at http://www.convertit.com/Go/ConvertIt/Reference/AMS55.ASP in bitmap image format.


Acton:1974:RRF

Forman S. Acton. Recurrence relations for the Fresnel integral $\int_0^\infty \exp(-ct) dt / \sqrt{t(1 + t^2)}$ and similar integrals. *Communications of the ACM*, 17(8):480–481, August 1974. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Adamchik:1998:PFN


Adlaj:2012:EFP


Agou:2003:SPR


Amos:1977:ACS

D. E. Amos, S. L. Daniel, and M. K. Weston. Algorithm 511: CDC 6600 subroutines IBESS and JBESS for Bessel functions $I_\nu(x)$ and $J_\nu(x)$, $x \geq 0, \nu \geq 0$ [S18]. *ACM Transactions on Mathematical Software*, 3(1):93–95, March 1977. CODEN ACM-SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See erratum [Amo78].

Amos:1977:CSI

D. E. Amos, S. L. Daniel, and M. K. Weston. CDC 6600 subroutines IBESS and JBESS for Bessel functions $I_\nu(x)$ and $J_\nu(x)$, $x \geq 0, \nu \geq 0$. *ACM Transactions on Mathematical Software*, 3
REFERENCES


EC2:1992:DJN


Alimohammad:2010:UAA


AFIPS:1969:ACPb


AFIPS:1971:ACP


Ancarani:2008:DOC

[AG08] L. U. Ancarani and G. Gasaneo. Derivatives of any order of the confluent hypergeometric function \( {}_1F_1(a, b, z) \) with respect to the parameter \( a \) or \( b \). Journal of Mathematical Physics, 49(6):063508, June 2008. CODEN JMAPAQ. ISSN 0022-2488 (print), 1089-7658 (electronic), 1527-2427. URL http://jmp.aip.org/resource/1/jmapaq/v49/i6/p063508_s1.

Alefeld:1980:PSE


...

Armbruster:1989:KSD


Andrews:1986:SCA


Allasia:1993:PIJ


Agarwal:1999:SAM

Ahmadi:2010:LCC


Aprahamian:2016:MIT


Aharoni:1969:C


Ahmed:1989:EEF


Aberbour:1998:PMF


Ahrendt:1996:FHC


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Ardill:1984:BFC


Avellaneda:1989:OBE


Al-Mohy:2012:MAB


Amos:1973:BIC


Amos:1974:CMB


Amos:1978:ECS

Donald E. Amos. Erratum: “Algorithm 511: CDC 6600 subroutines IBESS and JBESS for Bessel functions $I_\nu(x)$ and $J_\nu(x)$, $x \geq 0, \nu \geq 0$ [S18]”. *ACM Transactions on Mathematical Software*, 4(4):411, December 1978. CODEN ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [ADW77a].

Amos:1983:APF

Donald E. Amos. Algorithm 610: a portable FORTRAN subroutine for derivatives of the psi function. *ACM Transactions on
REFERENCES


REFERENCES


REFERENCES


Anonymous:2006:PCR


Anonymous:2012:FIS


Anonymous:2014:CLL


Anonymous:2015:L


Antosiewicz:1964:BFF


Agarwal:2008:OPD

REFERENCES


REFERENCES


REFERENCES

Abad:1997:NEC


Abad:2003:AEQ


Abad:2005:TNA


Anand:2010:UTE


Anderson:2006:AMF


Askey:1975:TAS


REFERENCES


REFERENCES


Baker:1992:CMF


Ball:2000:ACZ


Banerji:2001:SFS


Barakat:1961:EIG


Bark:1972:MTF


Barlow:1974:CCF

REFERENCES


**Barnett:1984:KCF**


**Barnett:1984:RMR**


**Baricz:2010:GBF**


**Baricz:2010:GPG**


**Bartsch:2014:TMF**

Hans-Jochen Bartsch. *Taschenbuch mathematischer Formeln für Ingenieure und Naturwissenschaftler: [Für Studium und Beruf]. (German) [Pocketbook of mathematical formulas for engineers and natural sciences: [For study and job]].* Fachbuchverlag Leipzig im Hanser-Verlag, München, Germany, twenty-third edi-
REFERENCES

Bashagha:2001:NRS

Batterman:2007:SSF

Bosten:1974:RAI

Belevitch:1982:SIT

Borwein:1984:AGM

Borwein:1988:CFF
REFERENCES

Bender:1994:DAS

Bailey:2012:AIS

Bailey:2015:CCI

Borwein:1989:RME

Bartoloni:1991:MFU

Borwein:1998:CSR
Jonathan M. Borwein, David M. Bradley, and Richard E. Crandall. Computational strategies for the Riemann zeta func-
REFERENCES


REFERENCES


REFERENCES

Bohlender:1993:PAF


Bank:1985:SEM


Batten:1999:IFB


Bradford:2002:TBS


Buehler:2014:CCH


Bardin:1972:CFE


Bardin:1984:CFE


sciedirect.com/science/article/pii/S0010465584823826.

Brezinski:1983:CAE

\[ \text{[BDGB83]} \]

Babusi:2013:SME

\[ \text{[BDGP13]} \]

Babusi:2014:SBS

\[ \text{[BDGP14]} \]

article/pii/S0096300314005086.

Brisebarre:2005:NRR

\[ \text{[BDK} +05 \text{]} \]
REFERENCES


REFERENCES


REFERENCES

BenGhanem:1998:QFU


Bergson:1968:ACR


Berges:1984:AFE


Berry:2001:WSF


Byrd:1971:HEI


Bohman:1992:FRP

REFERENCES


REFERENCES


[BHJ05] Catherine M. Bonan-Hamada and William B. Jones. Stieltjes continued fractions for polygamma functions; speed of con-

REFERENCES

Blomquist:2009:MSC


Bustoz:1986:GFI


Bice:1981:AAS


Bingulac:1968:RAA


Bustoz:2001:SFC


REFERENCES


REFERENCES


(electronic). Discusses use of IEEE 754 single-precision floating-point bit patterns as integers for implementations of fast, but low-accuracy, functions useful in computer graphics.


REFERENCES


Boersma:1969:ECW


Boersma:1991:UAB


Boisvert:1997:QNS


Boldo:2006:PFF


Borwein:1982:MNT


Borwein:1988:PAE


Borrione:2002:TIW

[Bor02] Dominique Borrione, editor. Third International Workshop on the ACL2 Theorem Prover and its Applications (ACL2-2002),


[Boy09] John P. Boyd. Acceleration of algebraically-converging Fourier series when the coefficients have series in powers of \( 1/n \). Journal
REFERENCES


REFERENCES


REFERENCES


[Bre76b] Richard P. Brent. Multiple-precision zero-finding methods and the complexity of elementary function evaluation. In
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Bogolubsky:2006:FEH

A. I. Bogolubsky and S. L. Skorokhodov. Fast evaluation of the hypergeometric function \( {}_pF_{p-1}(a; b; z) \) at the singular point \( z = 1 \) by means of the Hurwitz zeta function \( \zeta(\alpha, s) \). *Programming and Computer Software; translation of Programmirovaniye (Moscow, USSR)* Plenum, 32(??):145–153, ???? 2006. CODEN PCSODA. ISSN 0361-7688 (print), 1608-3261 (electronic).

Borwein:2011:SVG


Booker:2013:BAB


Baratchart:1995:RIE


Bazarov:1982:EEF


Bui:1999:DSI

REFERENCES

Butts:2011:RDR


Bao:2016:SAO


Buchholz:1969:CHF


Buhring:1987:BUA

Wolfgang Bühring. The behavior at unit argument of the hypergeometric function \(3F2\). SIAM journal on mathematical analysis, 18(5):1227–1234, September 1987. CODEN SJMAAH. ISSN 0036-1410 (print), 1095-7154 (electronic).

Buhring:1992:GHF


Buhring:2003:PSH

REFERENCES


REFERENCES

Burgoyne:1964:GTF


Burrell:1974:AAE

Keith H. Burrell. ACM Algorithm 484: Evaluation of the modified Bessel functions $K_0(z)$ and $K_1(z)$ for complex arguments [S17]. Communications of the ACM, 17(9):524–526, September 1974. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic).

Burr:1982:CCR


Buschman:1974:FSR


Buschman:1976:IHF


Bannur:1985:VIS

REFERENCES


Borwein:1992:FEG


Cherri:2000:PCC


Cadwell:1951:BNI


Cahill:1954:PCH


Cai:2011:CSB


Campbell:1979:BFR


Campbell:1981:BFR

J. B. Campbell. Bessel functions $I_\nu(z)$ and $K_\nu(z)$ of real order and complex argument. *Computer Physics Com-
REFERENCES


REFERENCES

Carlson:1970:HSS


Carlson:1972:ACL


Carta:1974:HLR


Carta:1975:LOA


Carlson:1977:EIF


Carlson:1977:SFA


Carlson:1979:CEI


Carroll:1982:TST

[Car82] Robert Wayne Carroll. *Transmutation, scattering theory, and special functions*, volume 87; 69 of *North-Holland mathematics*
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Can tor:1962:LEF


Carlson:2000:RTE


Carlson:1955:RAF


Carlson:1985:AEF


Conover:1985:AHS


Cao:1989:ABS


Carlson:1994:AAS


REFERENCES


[Che13b] Chao-Ping Chen. Unified treatment of several asymptotic formulas for the gamma function. *Numerical Algorithms*, 64(2):


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Ciminiera:1990:HRS


Chen:2013:LIA


Chevillard:2013:MPE


Cody:1977:CRF


Cody:1969:CRA


Clenshaw:1963:ASF

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[CP98] Petr Cársky and Martin Polásek. Incomplete gamma $F_n(x)$ functions for real negative and complex arguments. Journal...
REFERENCES

Corsonello:1999:HPS


Chen:2015:IAEa


Cote:2012:CTL


Cuyt:2008:HCF


Chaudhry:2004:EHC


Chiarella:1968:EIR

REFERENCES


Cruz:1982:ZHF

Cruz:1983:MPR

Choi:2011:AFT

Cody:1973:CAP

Ceretani:2018:AME

Cody:1967:CRC
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


DeSchrijver:2012:DPRb


Develi:2013:HAA


Drachman:1981:TTH


Dattoli:1992:GFM


Davies:1976:IPS

REFERENCES


Dyer:2007:AEF


Dyer:2008:CCI


deDinechin:2005:TPU


deDinechin:2013:FPT


deDinechin:2011:CFP


deDinechin:2006:STP

Florent de Dinechin and Sergey Maidanov. Software techniques for perfect elementary functions in floating-point interval arithmetic. In Anonymous [Ano06], page ?? ISBN ???? LCCN ????


Delahaye:1981:ACS


Delic:1984:CSS


Demirbas:1989:MSE


Derenzo:1977:AHC


Deuflhard:1976:ASC


Develi:2012:NAB

REFERENCES

Dzjadyk:1978:CRP


Dhanoa:1984:BPE


Delahaye:1980:RNA


Delahaye:1982:SLC


Dahlquist:1965:CAP


Dunster:2018:UAE

REFERENCES


Dieudonné:1980:SFL


Dietrich:1983:VQF


Dijkstra:1977:CFE


Dingle:1958:AEC


Dingle:1973:AET


Divgi:1979:CUB


REFERENCES


REFERENCES


<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
</table>


REFERENCES


duToit:1993:BFI


Deano:2009:MAS


Dattoli:1998:GBF


Dubrulle:1983:CNM


Dumbgen:2010:BSG

REFERENCES


REFERENCES


Eckhardt:1977:RA


Eckhardt:1980:AWE


Egbert:1977:PCAa


Egger:1989:PAC


Ehrling:1961:NCI


Ehrenmark:1989:ONF


Ercegovac:2000:IGD

[EIM+00] Milos D. Ercegovac, Laurent Imbert, David W. Matula, Jean-Michel Muller, and Guoheng Wei. Improving Goldschmidt division, square root, and square root reciprocal. IEEE Transactions


[EL89a] M. D. Ercegovac and T. Lang. Implementation of module combining multiplication, division, and square root. In *IEEE Inter-
REFERENCES


Ercegovac:1989:FRD


Ercegovac:1989:RSR


Ercegovac:1990:RSR


Ercegovac:1994:DSR


Elbert:2001:CZB


REFERENCES


[Emd40] Fritz Emde. *Tafeln Elementarer Funktionen* (German) [Tables of Elementary Functions]. B. T. Teubner, Leipzig, Germany and
Berlin, Germany, 1940. xii + 181 pp. LCCN QA47 .E5. URL http://lccn.loc.gov/45006177.


REFERENCES


REFERENCES

Escott:1937:QDN


Eve:1963:SAI


Erdelyi:1963:AEC


Ellacott:1976:RCA


Fabijonas:2002:LMC

REFERENCES


REFERENCES


Ferraro:2007:FAG


Fettis:1963:AMH


Fettis:1965:CEI


Fettis:1967:MCI

Henry E. Fettis. More on the calculation of the integral $I_n(b) = \frac{2}{\pi} \int_0^\infty \left( \frac{\sin x}{x} \right)^n \cos bx \, dx$ (in Technical Notes and Short Papers). *Mathematics of Computation*, 21(100):727–730, October 1967. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Fettis:1974:SAC


Fettis:1976:CR

REFERENCES


[FFS83] Theodore Fessler, William F. Ford, and David A. Smith. HURRY: An acceleration algorithm for scalar sequences and se-
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Feng:2013:TFA


Gabutti:2008:EQQ


Gabutti:1979:HPM


Gal:1985:CEF


Gal:1986:CEF


Gargantini:1975:PSR

REFERENCES

Gargantini:1979:NSS


Gargantini:1980:PSR


Gasper:1981:SFB


Gautschi:1959:EIL

[Gau59] W. Gautschi. Exponential integral \( \int_1^{\infty} e^{-x} t^{-n} \, dt \) for large values of \( n \). *Journal of Research of the National Bureau of Standards (1934)*, 62(3):123–125, March 1959. ISSN 0091-0635.

Gautschi:1961:RCR


Gautschi:1964:AAB


Gautschi:1964:AGF


REFERENCES


REFERENCES


REFERENCES


[GK89a] W. Gersch and G. Kitagawa. Smoothness priors transfer function estimation. *Automatica: the journal of IFAC, the Inter-
REFERENCES


REFERENCES

Glasser:1971:EI


Glasser:1974:SDI


Glasser:1979:NI


Glasser:1981:CBS


Graillat:2015:MRE


Glover:1989:THN


Giordano:1998:UTG

REFERENCES


REFERENCES


REFERENCES

ACMSCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [Goa95].


REFERENCES


REFERENCES

Gray:2002:ARE


Gil:2016:ACI


Greenhill:1892:AEF


Greenhill:1959:AEF


Greaves:1982:AHM


Greuel:2016:MSI


**Guyot:1996:STD**


**Gervais:1987:RAF**


**Gautschi:1978:CMB**


**Gatto:1981:NEM**


**Gawronski:1982:ACF**


**Gessel:1982:SEH**

REFERENCES


REFERENCES

22/abstract.htm;  http://ipsapp007.kluweronline.com/content/getfile/5058/46/22/fulltext.pdf.

Gil:2004:AMB


Gil:2004:CSM


Gil:2006:ARP


Gil:2006:CRP


Gil:2007:NMS


Gil:2007:NSS

REFERENCES


REFERENCES

Gil:2014:RSD


Gil:2015:CKF


Gil:2015:GPI


Gil:2017:ECL


Goldstein:1958:BFL


Goldstein:1959:RTC

M. Goldstein and R. M. Thaler. Recurrence techniques for the calculation of Bessel functions. *Mathematical Tables and
REFERENCES


Gunn:1965:AZV


Gunn:1965:ASa


Gunn:1965:ASb


Gunn:1967:ACW


Gustafson:1966:CAM


Gustafson:1978:ATC


Gustafson:1978:CAG

S.-Å. Gustafson. Convergence acceleration on a general class of power series. Computing: Archiv fur informatik und numerik,
REFERENCES


REFERENCES

CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See also [Mor76].


REFERENCES


REFERENCES

reference format:

Hävie:1979:GNT
Tore Hävie. Generalized Neville type extrapolation schemes. 

Hävie:1981:RUT
Tore Hävie. Remarks on a unified theory for classical and generalized interpolation and extrapolation. 

Hawkes:1982:ANT
Alan G. Hawkes. Approximating the normal tail. 

Hayashi:1999:SRR
Takao Hayashi. A set of rules for the root-extraction prescribed by the sixteenth-century Indian mathematicians, Nilakantha Somastuvan and Śaṅkara Vāriyar. 

Headley:1975:DVZ
V. B. Headley and V. K. Barwell. On the distribution of the zeros of generalized Airy functions. 

Henner:2009:MMP
REFERENCES


Holmgren:2000:CAL


Han:2009:ICS


Hart:1968:CAa


Hart:1968:CAb


Hill:1973:AAN

REFERENCES


Herman:1969:NHE


Herman:1971:EDH


Hermann:1982:SAG


Hobson:1995:EMR


Harris:2009:MIB


Hyogo:1999:LVF


Hull:1994:ICE

[HFT94] T. E. Hull, Thomas F. Fairgrieve, and Ping Tak Peter Tang. Implementing complex elementary functions using exception han-
REFERENCES


[Hig93] T. F. Higginbotham. The integer square root of $N$ via a binary search. *SIGCSE Bulletin (ACM Special Interest Group on Com-
REFERENCES


REFERENCES


REFERENCES


[HKW60] Kasaburō Harumi, Shigetoshi Katsura, and John W. Wrench, Jr. Values of \( \frac{2}{\pi} \int_0^\infty \left( \frac{\sin t}{t} \right)^n dt \) (in Technical Notes and Short Papers). *Mathematics of Computation*, 14(72):379, October 1960. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).


REFERENCES


REFERENCES


I. D. Hill and M. C. Pike. Remark on “Algorithm 299: Chi-Squared Integral”. *ACM Transactions on Mathematical Soft-
REFERENCES


Han:1993:CAS


Han:1993:CAS

Hunter:1972:NEC


HR72

Horwitz:1988:TPF


HR88

Hernandez:2005:ACN


HR05

Hernandez:2007:MPO


HR07

Hasson:1983:C

M. Hasson and O. Shisha. On the condition \( \sum_{n=1}^{\infty} n^{p-1} E_n(f) < \infty \). Journal of Approximation Theory, 39(4):389–398, December 1983. CODEN JAXTAZ. ISSN 0021-9045 (print), 1096-0430 (electronic).

HS83
REFERENCES


REFERENCES

Holzapfel:2007:AGA


Hofsommer:1963:NCE


Hwang:1985:PSC


Ibbetson:1963:AG


IBM:2005:MAS


IEEE:1978:PSC


IEEE:1981:PSC


IEEE:1981:ER


IEEE:1985:ERC


IEEE:1989:ECC


IEEE:1989:ASF
REFERENCES


[Ismail:2005:TAS] Mourad E. H. Ismail and Erik Koelink, editors. Theory and applications of special functions: a volume ded-


REFERENCES


REFERENCES


A. Iserles. Convergence acceleration as a dynamical system. *Applied Numerical Mathematics: Transactions of
Ifantis:1987:UBF


Ismail:1977:IRC


ISO:2010:IIIa


Ito:1995:EIA


Ito:1996:SRI

[ITY96] Masayuki Ito, Naofumi Takagi, and Shuzo Yajima. Square rooting by iterative multiply-additions. *Information Processing Let-


This work generalizes the Pythagorean sums in [Dub83, MM83].


REFERENCES


[JJW86] Lisa Jacobsen, William B. Jones, and Haakon Waadeland. Further results on the computation of incomplete gamma functions.
REFERENCES


REFERENCES

the Association for Computing Machinery, 26(4):739–760, October 1979. CODEN JACOAH. ISSN 0004-5411 (print), 1557-735X (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES


Katholi:1978:CVP


Kazangapov:1965:REF


Knuth:1967:CTE


Kushner:1986:ECC


Kak:1989:BAS


Kiernan:1990:FAE

Kerridge:1976:YAS


Knessl:2011:EAF


Kong:2006:IGA


Kearfott:1992:IPF


Kearfott:1994:AIP


Keener:1982:CLB

REFERENCES

Kennelly:1914:TCH


Kennelly:1921:TCH


Kershaw:1983:SEW


Kyurkchiev:2004:FCN


Kutsuna:2016:ARM


Kim:1972:AEH


King:1921:SNF

REFERENCES

of the Royal Society of London. Series A, Containing Papers of a Mathematical and Physical Character, 100(702):60–66, October 4, 1921. ISSN 0950-1207 (print), 2053-9150 (electronic). URL http://www.jstor.org/stable/93861. This is the first known publication of the AGM method, discovered by the author in 1913, for computing Jacobian elliptic functions. See also [Kin24, Kin07].

[King:1924:DNC]

[King:1965:LED]

[King:2007:DNC]

[Kalantari:1996:HOF]

[Kiranon:1998:SRF]
W. Kiranon and N. Kumprasert. Square-rooting and vector summation circuits using current conveyors. IEE Proceedings on Circuits, Devices and Systems [see also IEE Proceedings G - Circuits, Devices and Systems], 145(2):139, April 1998. CODEN ????? ISSN ????.

[Koren:1999:ISF]
Israel Koren and Peter Kornerup, editors. 14th IEEE Symposium on Computer Arithmetic: proceedings: April 14–16,
REFERENCES


Karp:1997:HPD


Kornerup:2007:PIS


Kojima:1989:PDI


Kwan:1995:CII


Knuth:1962:ECP

REFERENCES


REFERENCES


Kölbig:1987:BRB


Kölbig:1990:BRC


Kölbig:1996:PF


Kölbig:1997:TEH


Kononova:1976:CEF


Koopman:1991:PST

Philip J. Koopman, Jr., editor. The proceedings of the second and third annual workshops for the ACM Special Interest Group on Forth: SIGForth ’90, February 16–18, 1990, Dallas, Texas.
REFERENCES


Koppelaar:1974:CRA


Korenev:2002:BFT


Kornerup:2005:DSS


Kormanyos:2011:APC


King:1969:LEN

REFERENCES


REFERENCES


REFERENCES


Kowalski:1988:ASP


Kilbas:2004:TTA


Kuijlaars:2007:TIH


Kreyszig:1959:RUE


Kilbas:2000:CFI

REFERENCES


REFERENCES


REFERENCES


Laforgia:1984:FIG


Laforgia:1986:IBF


Laforgia:1991:BMB


LakshmanYN:1996:IPI


Lancaster:1942:MME


Lang:1960:ECC


Lanczos:1964:PAG

REFERENCES


REFERENCES


[LB09] P. Loskot and N. C. Beaulieu. Prony and polynomial approximations for evaluation of the average probability of error over slow-


REFERENCES


1993. CODEN LIJCB2. ISSN 0020-7608 (print), 1097-461X (electronic).


<table>
<thead>
<tr>
<th>Reference</th>
<th>Author(s)</th>
<th>Title</th>
<th>Journal/Book/Conference</th>
<th>Year</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>DOI</th>
<th>URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leh44</td>
<td>Derrick Henry Lehmer</td>
<td>Note on the computation of the Bessel function $I_n(X)$.</td>
<td>Mathematical Tables and Other Aids to Computation, 1(5):133–135, April 1944</td>
<td>1944</td>
<td>1</td>
<td>5</td>
<td>133–135</td>
<td>CODEN MTTCAS</td>
<td>ISSN 0891-6837 (print), 2326-4853 (electronic)</td>
</tr>
</tbody>
</table>
REFERENCES


REFERENCES


REFERENCES

[Linz:1972:MCB]

[Ling:1978:EWZ]

[Lindstrom:1979:MSM]

[Ling:1979:EWZ]


[Lin:1990:MSL]

[Linhart:2009:ACL]


Hui Min Liu. Determination of several classes of elementary functions by functional inequalities. (chinese). *Hunan Jiaoyu*
REFERENCES


IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1999. CODEN ???? ISSN ????

Li:2002:SWF


Ling:1972:EM


Lauter:2009:ERB


Li:2014:ICH


Lang:1992:HRS


Laforgia:1993:AMR

REFERENCES


REFERENCES


REFERENCES


[Longman:1959:STT] I. M. Longman. A short table of \( \int_0^\infty J_0(t)t^{-\alpha}dt \) and \( \int_0^\infty J_1(t)t^{-\alpha}dt \) (in Technical Notes and Short Papers). Mathematical Tables and Other Aids to Computation, 13(68):306–311, October 1959. CODEN MTTCAS. ISSN 0891-6837 (print), 2326-4853 (electronic).


REFERENCES


REFERENCES


Dawei Lu, Lixin Song, and Congxu Ma. Some new asymptotic approximations of the gamma function based on Nemes’

**[Lu:2016:QCF]**


**[Lu:2015:NSC]**


**[Lefevre:2008:WCE]**


**[Lucas:1971:AAC]**


**[Lorch:1996:BPU]**

Lee Lorch and Riccardo Uberti. “Best possible” upper bounds for the first positive zeros of Bessel functions — the finite part. *Journal of Computational and Applied Mathematics*, 75(2):249–258, November 28, 1996. CODEN JCAMDI. ISSN 0377-0427 (print), 1879-1778 (elec-
REFERENCES


Lu:2014:SNI


REFERENCES


Lee-Whiting:1963:EFC


Lee-Whiting:1963:FCI


Ling:1982:EIH


Lo:1989:RBP


Lether:1995:MAZ


Lang:1996:BPU


REFERENCES


Macleod:1996:AMS


Maehly:1960:ACD


Magnus:1994:ASA


Mahler:1930:NUG

REFERENCES


REFERENCES


Markstein:2003:FQP


Marsaglia:2004:END


Markstein:2005:FSM


Masser:1975:EFT


Mason:1983:CBF


Mathis:1987:EFP


Matos:1990:CAM

REFERENCES

Matula:1990:HPD


Matos:1992:CAP


Mathai:1993:HGS


Mathar:2004:NRI


Maximon:1991:EIP


Mason:1987:AA

REFERENCES


Montuschi:1989:EIH


Montuschi:1991:SRD


Montuschi:1993:RIT


Montuschi:1995:RRI


Moore:2004:PSW

REFERENCES


REFERENCES


[Mec68] Fr. Mechel. Improvement in recurrence techniques for the computation of Bessel functions of integral order (in Technical Notes


Merkle:2005:GRG


Metze:1965:MSR


Mey:1963:CAI


Meyer:2001:JEF


Martin:1985:FAB


Martin:1989:TPQ

REFERENCES


REFERENCES


REFERENCES


REFERENCES


IEEE Computer Society Press, 1109 Spring Street, Suite 300, Silver Spring, MD 20910, USA, 1991. CODEN ???? ISSN ????

Montuschi:1991:OAE


McQuillan:1992:VMH


Miller:1995:RCF


Miller:1998:CGI


McQuillan:1993:NAV

REFERENCES


Robert Morris. Remark on “Algorithm 490: The dilogarithm function of a real argument [S22]”. *ACM Transactions on Math-
REFERENCES


Morita:1978:CCE


Morris:1979:DFR


Moran:1980:CND


Morita:1999:CEI


Mortici:2011:IAF

REFERENCES


Pablo Martin, Ricardo Pérez, and Antonio L. Guerrero. Two-point quasi-fractional approximations to the Airy function...
REFERENCES


\[ I_n(b) = \frac{2}{\pi} \int_0^\infty \left( \frac{\sin x}{x} \right)^n \cos(bx) dx. \] 


MacRobert:1967:SHE


Mavromatis:1968:IFP


Mori:1982:ARS


Moricz:1987:ACF


Mudge:1994:PTS


Mortici:2015:PAG

REFERENCES


Maignan:2016:FGL


Montuschi:2016:ISC


Mansour:1989:CAS


Milne-Thomson:1964:EI


Milne-Thomson:1964:JEF

L. M. Milne-Thomson. Jacobian elliptic functions and theta functions. In Abramowitz and Stegun [AS64], pages 567–586. LCCN QA47.A161 1972; QA 55 A16h 1972. Tenth printing, with corrections (December 1972). This book is also avail-
available online at http://www.convertit.com/Go/ConvertIt/Reference/AMS55.ASP in bitmap image format.

**Manos:1972:CCA**


**Miranker:1985:ASC**


**Miranker:1986:ASC**


**McCormick:1982:EFM**


**Muller:2015:ISC**

REFERENCES


Müller:1993:NAC

Müller:1993:NAC

Muller:1993:NA

Muller:1993:NA

Muller:1997:EF

Muller:1997:EF

Muller:1999:CA

Muller:1999:CA

Muller:2001:CCH

Muller:2001:CCH

Muller:2004:CSR

Muller:2004:CSR
REFERENCES


REFERENCES

Nadara:2015:CGH

Nagashima:1968:EFN

Nagel:2001:EHF

Nagel:2004:CEG

Nannarelli:2011:RCD

Nasell:1974:IMB

Nave:1983:ITF
Rafi Nave. Implementation of transcendental functions on a numerics processor. *Microprocessing and Microprogramming*, 11:


Newman:1963:ICS


Ng:1968:DSS


Ng:1970:CAE


Ng:1975:CCM


Ng:1977:CAL


Ng:1984:DAA


Nguyen:1998:MLS

Ninomiya:1970:BRS


Nishimoto:1984:TFD


Nishioka:1994:EFB


Nam:2008:PAE


Narayanaswami:1994:AE


Nannarelli:1999:LPR

REFERENCES


part of parameters $b$ and $z$. In Greuel [Gre16], pages 241–248.
ISBN 3-319-42431-9 (print), 3-319-42432-7 (electronic). ISSN
0302-9743 (print), 1611-3349 (electronic). LCCN QA76.9.M35.

[NR15] Pierpaolo Natalini and Paolo Emilio Ricci. Bell polynomials
and modified Bessel functions of half-integral order. 
*Applied Mathematics and Computation*, 268(??):270–274, October
1, 2015. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649
article/pii/S0096300315008504.

representations for elementary functions. 
CODEN ITCOB4. ISSN 0018-9340 (print), 1557-9956 (electronic).
.jsp?p=&arnumber=4599569.

methods to find simple roots of nonlinear equations. 
1, 2013. CODEN AMHCBQ. ISSN 0096-3003 (print), 1873-5649
article/pii/S0096300313001574.

note on the error function. 
CODEN CSENFA. ISSN 1521-9615 (print), 1558-366X (electronic).

evaluating negative energy Coulomb functions. 
CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (electronic).
URL http://www.sciencedirect.com/science/
article/pii/0010465584901462.
REFERENCES


REFERENCES


REFERENCES


REFERENCES


Osada:1994:CAM

Osipov:2013:PSW

Opps:2009:RF

Okabe:1991:LDC

Ovtchinnikov:2003:CEGb

OBrien:1968:CA
REFERENCES


REFERENCES


Paszowski:2008:CAO


Paszkowski:2010:UMC


Paszkowski:2011:UMC


Pawellek:2011:GJE


Piessens:1982:ABF

REFERENCES

Pineiro:2002:HSD


Pineiro:2003:LHR


Pineiro:2008:RDD


Prudnikov:1986:ISE


Prudnikov:1986:ISS


Prudnikov:1992:IS

REFERENCES


Jessica A. Del Punta, Gustavo Gasaneo, and Lorenzo U. An- 
carani. On the Laguerre representation of Coulomb functions
and the relation to orthogonal polynomials. *Advances in Quan-
tum Chemistry*, 76:79–101, 2018. CODEN AQCHA9. ISSN
article/pii/S0065327617300643.

M. C. Pike and I. D. Hill. Algorithm 291: Logarithm of gamma
function. *Communications of the ACM*, 9(9):684, September
1966. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317
(electronic).

M. C. Pike and I. D. Hill. Remark on Algorithm 179: Incomplete
1967. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317
(electronic).

J. Palmore and C. Herring. Computer arithmetic, chaos and
PDNPDT. ISSN 0167-2789 (print), 1872-8022 (electronic).
Ninth Annual International Conference of the Center for Non-
linear Studies on Self-Organizing, Collective and Cooperative
Phenomena in Natural and Artificial Networks.

Didier Pinchon, Philip E. Hoggan, and Frank E. Harris. A new
expansion of the leaky aquifer function. *International Journal
IJJQCB2. ISSN 0020-7608 (print), 1097-461X (electronic).

J. R. Philip. The function inverfc. *Australian Journal of
0004-9506 (print), 1446-5582 (electronic).
REFERENCES

Phillips:1979:FAC


Piessens:1982:ACB


Piessens:1984:ACB


Piessens:1984:CSA


Piessens:1984:SEF


Piessens:1984:CBF

REFERENCES

Pitteway:1967:RAA


Pisarski:1974:QCD


Paliouras:2000:FPP


Plofker:1996:ESM


Plofker:2001:EIT


Parlett:1985:DAA


Plagianakos:2001:LCP

[PNV01] V. P. Plagianakos, N. K. Nousis, and M. N. Vrahatis. Locating and computing in parallel all the simple roots of spe-


Pearson:2017:NMC


Powell:1988:RBF


Poelke:2012:DCC


Patel:1982:HND


Patel:1996:HND

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Prabhu:1995:MRD


Qi:2010:CMS


Qi:2014:IRC


Qi:2015:SIT


Qiu:1996:SEC


Qiu:1998:SIG

QVV98 S.-L. Qiu, M. K. Vamanamurthy, and M. Vuorinen. Some inequalities for the growth of elliptic integrals. SIAM journal on
REFERENCES


[Rap01] J. M. Rappoport. Canonical vector polynomials for the computation of complex order Bessel functions with the tau


REFERENCES


REFERENCES


[RM07] C. Ren and A. R. MacKenzie. Closed-form approximations to the error and complementary error functions and their ap-

[Rao:1996:RATS]


[Rob55]


[Rob69]


[Roc82]


[Rol87]


[Ron86]

REFERENCES

Rothmaier:1970:BQN


Rothmaier:1970:DSB


Rothmaier:1971:BEF


Razaz:1981:RAF


Rivolo:1998:CDR


Rader:1961:CAC

REFERENCES

Rhee:1989:MII


Rump:2001:RPS


Ruscheweyh:1988:EST


Russino:1998:MCP


Russino:1999:MCP


Russino:2013:CFV

[Rus13] David M. Russinoff. Computation and formal verification of SRT quotient and square root digit selection tables. IEEE Transac-


REFERENCES


Simon:2005:DCF


Saan:1991:VFP


Sablomniere:2008:BSH


Safouhi:2010:BSC


Saigo:1989:FID

[Sai89] Megumi Saigo. Fractional integrals and derivatives associated with elementary functions and Bessel functions. In Srivastava

Salzer:1951:FCE

Salzer:1951:RTT

Salamin:1976:CUA

Salimov:1976:OCE

Salzer:1983:NDG

Sala:1989:TJA

Salzer:1983:NDG

Sala:1989:TJA
Salwin:1992:UPE

Samko:2002:HIT

Sarafyan:1959:NMC

Sarafyan:1960:DCS

Saurer:1993:BSF

Sawada:2002:FVD

Shenton:1971:CFP
Shipman:1971:HSE


Steinhardt:1981:ASF


Siafarikas:2001:PF1


Scarton:1971:DPF


Schmidt:1964:AEC


Schmidt:1968:AEK

[Sch68] Jochen W. Schmidt. Asymptotische Einschließung bei konvergenzbeschleunigenden Verfahren. II. (German) Asymptotic en-

Schmid:1973:BLVa


Schett:1976:PTS


Schonfelder:1976:PSF


Schett:1977:RFT


Schonfelder:1977:PTS


Schmidt:1978:EI

Paul W. Schmidt. Evaluation of the integral \[ \int_{0}^{\infty} \frac{t^{\alpha-1}J_{\nu}(xv\sqrt{1+t^2})(1+t^2)^{\alpha+1/2}}{d} \, dt \] *Mathematics of Computation*, 32(141):265–269, January 1978. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Schoene:1978:RMI

REFERENCES

SCU. ISSN 0098-3500 (print), 1557-7295 (electronic). See [Ful72].

Schonfelder:1978:CEE


Schell:1980:AEU


Schonfelder:1980:VHA


Schmidt:1984:TAI


Schappacher:1988:EIG


Schoof:1985:ECF


Schwarz:1988:CLI

REFERENCES

Schwarz:1993:HRAa


Schwarz:1993:HRAb


Schwarz:1995:RQC


Schraudolph:1999:FCA


Schmidt:2016:ZSG


Sreedharan:1985:ASS


Segura:1997:CEM

REFERENCES


Seidel:1999:HSR


Sellers:1993:CDC


Sen:1967:TFS


Sherry:1959:CGF


Smith:1979:ALL


Stoyanov:1987:AE


Schwarz:1993:HSA


Schwarz:1993:UFM


Schwarz:1996:HSA


Sofotasios:2010:NEM


Sayed:2016:WCR


Strecok:1972:HPE

REFERENCES


[Sg92] Michael Joseph Schulte and Function generation. Algorithms and hardware designs for parallel elementary function generation. Thesis (m.s. in engin.), University of Texas at Austin, Austin, TX, USA, 1992. ix + 73 pp.


Schulten:1981:NAE


Samet:1972:CDL


Shanks:1976:TER


Shah:1985:SAA


Shenton:1954:INI

REFERENCES

Sheorey:1974:CEW


Sheorey:1976:DCE


Shishko:1993:RDB


Sholander:1960:AEE


Shore:1986:AID


Shore:2002:RMM


Shore:2005:ARB

REFERENCES


 REFERENCES


[Sko05] S. L. Skorokhodov. A method for computing generalized hypergeometric function \( p F_{p-1}(a_1, \ldots, a_p; b_1, \ldots, b_{p-1}; 1) \) in terms of the Riemann zeta function. Computational Mathematics and Mathematical Physics, 45(4):550–562, 2005. CODEN ????? ISSN 0965-5425 (print), 1555-6662 (electronic).


REFERENCES


Slepian:1965:SAE


Slepian:1978:PSW


Shi:2006:NAS


Stehle:2005:SWC


Smith:1970:ASH

REFERENCES

September 1970. CODEN CACMA2. ISSN 0001-0782 (print), 1557-7317 (electronic). See remark [Fri72].

[Schindler:1977:CCS]

[Schindler:1978:GCG]

[Stratton:1941:ECS]

[Smith:1989:EMP]

[Smith:1991:AFP]

[Smith:1995:CFA]
REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


[SR53] Max G. Scherberg and John F. Riordan. Analogue calculation of polynomial and trigonometric expansions (in Other Aids to
REFERENCES


REFERENCES

Smith:1987:BAM


Schulte:1993:ERC


Schulte:1993:PHD


Schulte:1994:HDE


Schulte:1997:SBT


Schulte:1997:AFA

[SS97b] M. J. Schulte and James E. Stine. Accurate function approximations by symmetric table lookup and addition. In Thiele

Sidi:1998:UBC


Schulte:1999:AEF


Stine:1999:STA


Slevinsky:2010:RAT


Schneider:2018:NFP

Barry I. Schneider, Javier Segura, Amparo Gil, Xiaoxu Guan, and Klaus Bartschat. A new Fortran 90 program to compute regular and irregular associated Legendre functions (new version announcement). *Computer Physics Communications*, 225(?):192–193, April 2018. CODEN CPHCBZ. ISSN 0010-4655 (print), 1879-2944 (elec-
REFERENCES


REFERENCES

Stearns:1989:SFD


Steele:2008:FPSb


Stillinger:1988:CPS


Stoner:1941:FEF


Stratton:1956:SWF


Strachey:1959:TSR

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Thacher:1963:ACEa


Thacher:1963:CACb


Thacher:1963:CACa


Thacher:1979:NBR


Thompson:1965:AEI


Thompson:1966:ESI

[Tho66] Rory Thompson. Evaluation of $I_n(b) = 2\pi^{-1} \int_0^{\infty} \left( \frac{\sin x}{x} \right)^n \cos(bx)dx$ and of similar integrals (in Technical Notes and Short Papers). *Mathematics of Computation*, 20(94):330–332, April 1966. CODEN MCMPAF. ISSN 0025-5718 (print), 1088-6842 (electronic).

Thompson:1987:IEF


ISSN 1570-7873 (print), 1572-9184 (electronic). URL https://
link.springer.com/article/10.1007/s10723-017-9416-0.

Tooper:1968:SCP

[TM68] Robert F. Tooper and John Mark. Simplified calculation of Ei(x)
for positive arguments, and a short table of Shi(x) (in Technical
Notes and Short Papers). Mathematics of Computation, 22
(102):448–449, April 1968. CODEN MCMPAF. ISSN 0025-5718
(print), 1088-6842 (electronic).

Tocher:1963:AS


Todd:1990:WMP

[Tod90] John Todd. The Weierstrass mean. I. the periods of
φ(z|e₁, e₂, e₃). Numerische Mathematik, 57(8):737–746, August
1990. CODEN NUMMA7. ISSN 0029-599X (print), 0945-3245
(electronic).

Tolke:1943:PFE

und elementare transzendente Funktionen, Unterstufe. (Ger-
man) [Practical functional theory. 1. Elementary and elementary
transcendental functions, lower stage]. Springer-Verlag, Berlin,
Germany / Heidelberg, Germany / London, UK / etc., 1943.
viii + 261 pp.

Tolke:1950:PFE

[Töl50] Friedrich Tölke. Praktische Funktionenlehre. 1. Elementare
und elementare transzendente Funktionen. (German) [Practical
functional theory. 1. Elementary and elementary transcendental
functions]. Springer-Verlag, Berlin, Germany / Heidelberg,

Tolke:1966:PFT

[Töl66] Friedrich Tölke. Praktische Funktionenlehre. 2. Theta-
Funktionen und spezielle Weierstrasssche Funktionen. (Ger-
man) [Practical functional theory. 2. Theta functions and spe-
cial Weierstrass functions]. Springer-Verlag, Berlin, Germany /
LCCN ???.

Tolke:1943:PFE

und elementare transzendente Funktionen, Unterstufe. (Ger-
man) [Practical functional theory. 1. Elementary and elementary
transcendental functions, lower stage]. Springer-Verlag, Berlin,
Germany / Heidelberg, Germany / London, UK / etc., 1943.
viii + 261 pp.

Tolke:1950:PFE

[Töl50] Friedrich Tölke. Praktische Funktionenlehre. 1. Elementare
und elementare transzendente Funktionen. (German) [Practical
functional theory. 1. Elementary and elementary transcendental
functions]. Springer-Verlag, Berlin, Germany / Heidelberg,

Tolke:1966:PFT

[Töl66] Friedrich Tölke. Praktische Funktionenlehre. 2. Theta-
Funktionen und spezielle Weierstrasssche Funktionen. (Ger-
man) [Practical functional theory. 2. Theta functions and spe-
cial Weierstrass functions]. Springer-Verlag, Berlin, Germany /
LCCN ???


REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Varchenko:1995:MHF


Vavasis:1989:CFP


Vogelius:1981:DRM


VanDeun:2004:IAO


VanDeun:2006:ACI


VanDeun:2006:SRI

REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES

VanDeun:2011:RIC


Vazquez:2009:CDT


Wachspress:2000:EEF


Wadey:1958:TSR


Wahdan:2004:IHE


Walther:1971:UAE

J. S. Walther. A unified algorithm for elementary functions. In AFIPS SJCC ’71 [AFI71], pages 379–385. LCCN ???.

Waldecker:1980:NSR

Walmsley:1984:EEM


Walz:1996:AE


Wang:1974:UEZ


Wang:1982:AME


Ward:1960:CCE


Warmus:1960:TEF


Warner:1975:PDG

REFERENCES


Weniger:2009:SHF


Weniger:2010:SDP


West:2005:BAC


Wang:2014:CFA


Wang:1989:SF


Wong:1991:FHA


Wong:1992:DSR


REFERENCES


[Wil96] K. B. Williams. Testing math functions: When requirements are tight, we must carefully examine all potential sources of error. Make sure your math library isn’t the weak link in the chain. C/C++ Users Journal, 14(12):49–54, 58–65, December 1996. CODEN CCUJEX. ISSN 1075-2838. Describes a package that extends the Cody-Waite-Plauger work on the ELEFUNT package for the testing of the elementary functions, including the inverse hyperbolic functions, cube root, and Bessel functions of
the first and second kinds. The C++ package implements 192-bit extended precision versions of all of the functions, so that accurate results are available for comparison with the normal double-precision results.


[WN09] Paweł Woźni and Rafał Nowak. Method of summation of some slowly convergent series. Applied Mathematics and Computation-
REFERENCES

Watanabe:1994:MSP


Wong:1995:EHS


Wong:1973:AEL


Wong:1973:UAE


Wong:1988:AE


Wood:1967:CEI


Wozny:2010:EAS


Werner:1963:AFI


Wong:1971:SEI


Waissi:1996:SAS


Wrench:1968:CTS


Wrench:1973:ECT

REFERENCES


REFERENCES


REFERENCES


REFERENCES


[Yun14] Beong In Yun. An ad hoc approximation to the Gauss error function and a correction method. *Applied Mathematical Sciences*


REFERENCES


REFERENCES


*Zhang:1996:CSF*


*Zhu:2004:ISR*


*Ziv:2001:APM*


*Zelen:1964:PF*


*Zhu:2008:SNR*


*Zaritskaya:1986:ACE*

REFERENCES


