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(10^31 - 1)/9 [Hig86]. (k, p) [DJ79]. 1 [Ro90].
2 [PP75, Ro90]. = [Kre95, LK96]. δ^2
[Jon82]. LU [Zah89]. n [Mor69, Str77].
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-ary [Mor69]. -th [Str77].

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Fri72a, Kah72]. 1973
[Ano73b, Ano73f, Ano73i, Ano73a, Ano73j,
Ano73q, Ano73n, Ano73m, Ng73]. 1974
[Ano73g, Ano73d, Ano73c]. 1983 [Smi83b],
1995 [BD95].

2 [Ano73k]. 2-by-2 [Mol74]. 205 [Tem83].

3 [Smi83a]. 360/370 [Boy75, TC75].

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7000 [Nik72]. 74 [Ano73h]. 754 [Tyd94]. 77
[Rei80].

80th [Gil98]. 8th [Ano73a]. 8x
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REFERENCES

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Typical [GS75].

UCINA [McK81]. Uncertainty [FK96].

underflow [Lin81]. Unified [Ris76]. unique [Rol88]. Univ [Ano73a, Ano73u]. Univ. [Ano73f, Ano73g, Ano73i].

Univariate [Aki96]. University [Ano71, Ano73q].

Ano73m, McK81, Mol68c, Mol69c]. Unix [Dit93].

UNIX TM [Sch79b, Sch79c].

Unknown [WK96].

Unknown-But-Bounded [WK96].

unstable [Cyn90]. Update [DDH86, DCH89].

updates [HB76, Rol90]. Use [ADHR73, Chia68, Cyn88, Dun89a, HB76, MC97, TK97]. user [Boy75, BKM88, TC75].

users [Dun76a].

Using [Cyn87, Jer89, Ost79, Vol79, Bat81, Cle84, Don84, Nas90, SW75]. utilities [Gar86].

v [Tem83]. value [ABB+74, DM76, ES87, Ham85, Hin80, Wis78].

Valued [FKK96, PV83a, PV83b]. variable [War76].

variables [DZ88b].

Variants [DS94].

variables [Don84]. verification [Ost79].

version [Cod88, IFI92]. via [Ba98, DG85].

virtual [Str81]. Voting [Fel73].

War [Kos96]. Waterloo [GN81, GN84].

Watson [KM83]. wave [Ber75].

wavelets [Kob92]. Web [Ric96]. weight [Dun76b].

which [Cha87]. Wisconsin [Ano73m].

Wisconsin-Madison [Ano73m]. within [Whi94]. within [CG85, ES75a]. Word [CG+85]. Word-length-independent

[CCG+85]. work [Wag84]. Working [Ano95a, Eln73, Fos91, Jon79, Fel79a].

Workshop [DW95, DW96, FJ79].

Worldwide [Ano96f]. worthwhile [Bra87].

Would [Hul73]. written [Dri82].

Year [Ano95e]. York [Ano73j].

Zero [Che97, OR75]. Zero-Finding [Che97].

zeros [Tra68]. Zielke [Tee74]. Zuse [Gil98].

References

Al-Alaoui:1996:CNI


Aird:1974:NSV


ACM:1979:PSC

Addison:1981:SIT


Aird:1973:SUM


Aharonian:1985:MBP


Aird:1979:IES


Akima:1996:NLMM


Anonymous:1971:SUC


Anonymous:1973:ISM


Anonymous:1973:ANC


Anonymous:1973:ASC


Anonymous:1973:CSC


Anonymous:1973:CC

REFERENCES

ISSN 0163-5778 (print), 1558-0237 (electronic).

Anonymous:1973:CCP


Anonymous:1973:CRM


Anonymous:1973:ICCa


Anonymous:1973:NCC


Anonymous:1973:PPA


Anonymous:1973:PPL


Anonymous:1973:SGI


Anonymous:1973:SFM


Anonymous:1973:SEI

REFERENCES

CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).


Anonymous:1993:CPA

Anonymous:1993:CPE

Anonymous:1993:ITW

Anonymous:1995:IRa

Anonymous:1995:IRb

Anonymous:1995:IRc

Anonymous:1995:ILA

Anonymous:1995:IA

Anonymous:1995:IRa

Anonymous:1996:IRb

Anonymous:1996:IRc

Anonymous:1996:IRd
REFERENCES

37–??, October 1996. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Clark:1967:PSF


Coughran:1979:NLN


Chu:1985:NEE


Coughran:1989:PSC


Chen:1997:SNI


Chikhliwala:1985:DIF


Chiang:1986:UMS


Chiang:1997:SSI


Chan:1987:OWS


Coonen:1979:PSB

REFERENCES

Newsletter, 14(3S (Special issue)): 4–12, October 1979. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).


G. J. Cooper. Local error estimates for linear methods for ordinary differential equations. In Skeel [Ske79b], page ??


REFERENCES


[Dah79] Germund Dahlquist. Some properties of linear multistep and one-leg methods for ordinary differential equations. In Skeel [Ske79b], page ??


[Dah79] Germund Dahlquist. Some properties of linear multistep and one-leg methods for ordinary differential equations. In Skeel [Ske79b], page ??

REFERENCES


REFERENCES


Dittmer:1993:EUC


Danchick:1979:EMP

[DJ79] Roy Danchick and Mario L. Jun-cosa. On the existence of maximum polynomial degree Nordsieck–Gear $(k,p)$ methods for all $(k,p)$. In Skeel [Ske79b], page ??

Davis:1972:ASE


Dodson:1985:IRE


Dodson:1985:PSE


Dorr:1973:REC


Daniel:1976:CAB


Dongarra:1984:PVC


Dongarra:1992:LNA


Douglas:1992:MMD

REFERENCES

SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).


Dunham:1976:BUS


Dunham:1976:CAN


Dunham:1977:PNA


Dunham:1980:CRR


Dunham:1986:CPF


Dunham:1986:TES


Dunham:1987:PMAa


Dunham:1987:PMAb


Dunham:1988:PMA


Dunham:1989:ICA

REFERENCES


REFERENCES

Edelman:1991:FAL


Evans:1977:NCT


Evans:1979:COS


Einarsson:1973:IWG


Einarsson:1978:SSA


Einarsson:1986:MLP


Edberg:1976:ABM


Eisenstat:1981:BAF

REFERENCES

Eggers:1979:HFP

Engel:1974:CFS

Eisenstat:1975:EIS

Engquist:1975:DSA

Evens:1980:IMI

Evens:1989:CSP

Farkas:1974:CNL

Farkas:1975:E

Farkas:1976:CNL

Ford:1977:NLM
[FB77] Brian Ford and Janet Bentley. The NAG Library “machine”. ACM

Fritsch:1984:ASM


Feldstein:1973:VI


Feldman:1979:CIW


Feldman:1979:PLE


Feldman:1979:IPS

[Fel79c] Stuart I. Feldman. The impact of the proposed standard for floating point arithmetic on languages and systems. ACM SIGNUM Newsletter, 14(3S (Special issue)):31–32, October 1979. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Figueroa:1995:WDR


Fong:1979:NSD


Finkelstein:1996:CSC


Finkelstein:1996:AEE

REFERENCES

Forsythe:1970:SEQ


Ford:1973:NAG


Ford:1978:PET


Fosdick:1991:IWC


Fox:1978:PPS


Fox:1979:DPP

[Fox79] Phyllis Fox. Design principles of the PORT library. In ACM [ACM79], pages 80–82.

Francis:1981:ECN


Franke:1990:TCA


Fritsch:1972:SNN


Fritsch:1972:TDT


Fritsch:1973:PNM

[Fri73] Fred N. Fritsch. Profile on the numerical mathematics section of
REFERENCES

Ford:1977:TPA

Fujita:1979:SSN
Shohei Fujita. Structural stability and the numerical methods for stiff differential systems. In Skeel [Ske79], page ??

Fulda:1986:NMD

Fullerton:1987:NPN

Fraley:1979:PED

Gaffney:1986:NTP

Gardner:1986:DDP

Gili:1998:KZR

Gladwell:1985:NLO
I. Gladwell. The NAG library ordinary differential equations chapter and short term plans for its ex-
REFERENCES

33


George:1979:NCR


Govaerts:1987:ACD


Gordon:1975:TPS


Gregory:1979:EFC


Gupta:1972:AOA


Grosse:1991:NNB


Hull:1985:NT


Grosse:1992:NNS


Hake:1985:MSK


Gangi:1974:MHD


Hammarling:1985:SVD

REFERENCES

Hansen:1968:IEE

Eldon Hansen. An illustrative example in error analysis. ACM SIGNUM Newsletter, 3(3):??, July 1968. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Hanson:1969:CLE


Hansen:1970:RA


Hanson:1973:IEP


Hanson:1977:TOL


Hodge:1995:AFD

H. K. Hodge. Achieving a full deck. ACM SIGNUM Newsletter, 30

Hindi:1976:URO


Higginbotham:1986:AF


Hindmarsh:1976:NSO


Hindmarsh:1980:LLT


Hodge:1995:AFD
Hodge:1996:MI


Hull:1973:WYB


Huang:1976:NPC


Hopkins:1997:RBL


Hull:1979:DFP


Hull:1973:WYB

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Jon79]</td>
<td>Rondall E. Jones. Activities of the DOE Advanced Computing Com-</td>
</tr>
</tbody>
</table>
Kahaner:1981:BNQ


Kahan:1991:ARL


Karp:1985:PPC


Khan:1990:NCN


Kelman:1976:FLA


Kershaw:1972:EFT


Koshelev:1996:WMI


Klema:1978:RRS


Kulisch:1983:NAS


Knight:1972:PJ


Knight:1976:DPA

REFERENCES

Knight:1976:LEC


Knight:1977:DOE


Knight:1987:AAB


Kobayashi:1992:SSW


Koshelev:1996:CCP


Kahan:1979:PFP


Kreinovich:1995:IRA


Kreinovich:1996:WAC

Vladik Kreinovich. With what accuracy can we measure masses if we have an (approximately known) mass standard. *ACM SIGNUM Newsletter*, 31(4):26–34, October 1996. CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).

Krogh:1971:PTE


Krogh:1972:OMC

Fred T. Krogh. Opinions on matters connected with the evaluation

*Krogh:1987:MHC*


*Koshelev:1997:ESN*


*Kulisch:1983:FES*


*Lambert:1979:SPM*

J. D. Lambert. Safe point methods for separably stiff systems. In Skeel [Ske79b], page ??

*Lawson:1968:SCM*


*Lawson:1972:SSL*


*Lawson:1973:E*


*Lawson:1974:PSS*


*Lawson:1979:NT*


*Lawson:1988:SRR*


*Lipps:1985:PTL*

Lewis:1983:NES


Linnainmaa:1981:CEU


Lakeyev:1996:IRA


Lomax:1975:SCP


Lyness:1968:SIQ


Macleod:1989:SSG


MacLeod:1993:IPC


Madsen:1975:MLN


Maerten:1997:IPA


McKee:1981:UCI

REFERENCES

McNamee:1998:CMA


Miller:1979:CT


Moler:1967:P


Matuska:1975:AHC


Moler:1968:PDQ


Moler:1968:PDQ


Moler:1968:PDQ


Moler:1969:MSC


Moler:1969:PDQ


Moler:1969:PUN


Moler:1969:PDQ

REFERENCES

Moler:1972:MGF


Moler:1974:CRS


Moore:1980:MIA


Morris:1969:CAC


More:1980:O


Nash:1976:NSM


Mol72]

Mol74]

Nash:1981:FMS


Nash:1990:HEU


Needham:1975:AHD


Ng:1973:ASS


Nikolai:1972:FEC

REFERENCES

Nguyen:1997:ICS


Oldehoeft:1970:IEP


Oster:1975:TDN


Ortega:1966:STN


Osterweil:1979:UTV


Parlett:1967:EA


Parlett:1969:NNM


Payne:1986:PTF


Pfeiffer:1987:ADP


Payne:1983:DRT

REFERENCES


REFERENCES

Pyzalski:1983:SVC


Radbill:1973:LS


Ris:1993:WFP


Reid:1979:FMF


Reinsch:1979:PPC


Reid:1980:CDP


Reid:1993:LIA


Rice:1979:NCN


Rheinboldt:1969:NSE


Rice:1973:EAQ

John R. Rice. An educational adaptive quadrature algorithm. ACM
REFERENCES


Rolfe:1988:GPN

Rolfe:1990:TCH

Rolfe:1997:ADC

Rada:1997:NSE

Ruppel:1975:RDN

Redish:1971:EEN

Redish:1971:SEE

Solomon:1985:MBP

Saylor:1980:NML

Shampine:1982:ARN
REFERENCES


REFERENCES

Smith:1988:RAF

Smith:1998:TNS

Snyder:1979:TSM
W. V. Snyder. A transportable system for management and exchange of programs and other text. In ACM [ACM79], pages 90–92.

Sorensen:1981:ECQ

Swarztrauber:1975:EFS

Shampine:1975:EMN

Stenger:1968:TC

Stewart:1975:IPT

Stetter:1979:TPO
Hans J. Stetter. Tolerance proportionality in ODE-codes. In Skeel [Ske79b], page ??

Stewart:1980:MTN
Stewart:1981:MCH


Stewart:1991:FFT


Stetter:1996:NCA


Stetter:1996:SNA


Strehmel:1976:NCM


Strehmel:1977:NAN


Streit:1981:SLH


Sundstrom:1975:EIP


Tang:1975:ASL


Tweedale:1975:DUl

REFERENCES


Traub:1968:SAC


Trefethen:1985:TMG


Turner:1969:DSC


Tydeman:1994:WCT


Usow:1969:GEA


Usow:1969:SSC


Usow:1970:CB


Vandevender:1982:SMS


Voigt:1981:SRA


Volper:1979:UPN


Wagener:1984:SWT

REFERENCES

CODEN SNEWD6. ISSN 0163-5778 (print), 1558-0237 (electronic).


Walster:1996:UBE


Xanthis:1986:POM


Zahir:1989:CAD


Zielke:1973:NTM


Zielke:1978:IRG


Zielke:1978:TMG


Zielke:1981:GRT


Zielke:1974:GTM