A Bibliography of Publications of Jörg Peters

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Abstract

This bibliography records publications of Jörg Peters.

Title word cross-reference

(3, 5) [Pet02a], 2 [NKP16], 3 [NKP16, Pet90a, PS04, PSZF06], 4 [PS04].
A [KP15d]. C1 [KP15c, NKP16, Pet90b, NP92, PS92b, PS92a, Pet95a, Pet95d]. C2 [KP05, KP18, KP19, Pet02a, KP09b, MP09, Pet89, Pet96a, Pet95b]. Ck [GP15, Pet92b].

-surface [Pet95d]. -variate [PS92a].

1996 [FBBD98].

3rd [FBBD98].

4-direction [NP92]. 4th [BBP+08].

7-direction [Pet96a, Pet95b]. 783 [Pet98c].

8th [GHPW12].

'91 [MK91].

accurate [YBP14]. Advances [BBP+08].
affine [PR98a]. aided [DLS94, Sap94].
Alberta [MK91]. Algorithm [OPB+18, Pet98c]. Algorithms [PR98b].
almost [KP19]. always [GP15]. analogues [NP92]. Analysis [PR98b, RP06].
animated [YBP14]. application [OPR06].
Applications [Mul96]. Approximate [Pet94c]. approximating [KP12a].
approximation [BS92]. arbitrary [ASC18, Pet94b, Pet97a, Pet18].
Assembling [KP09a]. Atlassing [OPB+18]. augmented [KP15c].
B [Pet97a, PR98b, Pet98c, Pet98a].
B-Spline [PR98b]. B-splines [Pet97a, Pet98c, Pet98a]. based [KP14, Mul96, PW97b, PW03].
basic [KP11b, KP12b, KP13a, PW97a, PR04]. BB [KP09c]. BB-form [KP09c]. be [KP15d].
Boehm [Pet95c]. Book [Pet95c]. Boston [War92]. Boundary [NP17, Pet90b]. bounded [PU01]. bounds [NPLxx, PU01].
Box [KEP08, PW97b, KP09c, KP10, KP11c, Pet96a, Pet95b, PW97a]. Box-spline [PW97b]. box-splines [KP09c, KP10, KP11c]. Brunel [Mul96]. built [Pet96a, Pet95b].
computer-aided [Sap94]. Computing [BBP+08, GOMP98, PN97, PU01].
Concepts [BPP95, Pet95c]. Conference [GM97, Mul96]. Configuration [OPB+18].
Cubic [KEP08, ASC18, KP11b, KP15d, MKP08, Pet90b, Pet90c, Pet96c, Pet18].
cubics [FP96, PS92b]. Curvature [KP12a, KP13a, Pet96b, Pet90a, PU00, PU01].
D [Pet90a, PSZF06, NK16]. Dagstuhl [FBBD98, GHPW12, HFPW09]. data [Pet90a]. December [BBP+08]. Degree [NP17, KP14, Pet02a]. dependent [OPR06].
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[Mul96].

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[Pet92a, Pet97a]. patch-layout [Pet97a]. Patches [Pet98b, ASC18, KP05, KP09a, Pet90e, Pet92b, Pet97a].

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[LP01a]. piecewise [GOMP98]. Pixel [YW14]. pixel-accurate [YW14].

Platonic [PK98]. Point [KP15c, OPB+18, OPR06].

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[GM97, Mul96]. sequences [Pet13]. Sets [OPB+18, Pet96a, Pet95b]. Shape
[KPR04, PR04, KP15b, Sap94]. shaped [KP09b]. shapes [KP11b, KP12b, PW97a].
Sharp [NP16]. Sided [NP16]. sided [KP15e, Pet03]. simplest [PR97]. Simplex
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[GHPW12, HFPW09]. Spheres [FK98].
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Symmetric [KP10, KP11c]. Symposium [BBP+08]. System [HAPR94]. Systems [SZP10, PSZF06, SPZ10].
T [KPP17]. T-junctions [KPP17]. tensor [NKP16]. Ternary [NNP07]. tessellations [Pet14]. theory [BS92]. Tight [LP01b].
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varying [Pet90b]. Vegas [BBP+08]. vertex [Pet92b]. vertices [Pet91a, PS92b]. VI [Mul96]. via [KP13b, KP15a, KP09c, NP16].
W [Pet95c]. workshop [FBBD98].
XXX [Far97].
yield [GP15]. yields [KP18].
zero [Pet96a, Pet95b].

References


Bebis:2008:AVCa

REFERENCES


Boehm:1995:GCG


Braess:1992:NMA


Daehlen:1994:MMC


Daehlen:1998:MMC


Farin:1997:XX


Farin:1998:GMD


Farouki:1996:SCD


Grandine:2012:SIS

REFERENCES

sciedirect.com/science/article/pii/S1524070312000422


REFERENCES

8


Hoffmann:1994:GCC


Hoffmann:2012:CNC


Kim:2008:BSR


Karciauskas:2005:PSS


Karciauskas:2007:BPS


Karciauskas:2009:ACC


Karciauskas:2009:LSS


Kim:2009:FSE

Kim:2010:SBS

Kim:2010:SBS

Karciauskas:2012:RS

Karciauskas:2012:SRB

Karciauskas:2012:FFS

Karciauskas:2012:CSS

Karciauskas:2013:NUI

Karciauskas:2013:CAC


REFERENCES


REFERENCES

Mullineux:1996:MS


Nguyen:2016:FEN


Ni:2007:TSQ


Peters:1992:IHD


Nguyen:2016:NDG


Nguyen:2017:ELD


Nairn:19xx:SQB


Özkan:2018:AEA

REFERENCES


Olshanskii:2006:UPP


Peters:1989:LGH


Peters:1990:FSP


Peters:1990:LCB


Peters:1990:NSM


Peters:1990:SMI


Peters:1991:PSE


Peters:1991:SIM

REFERENCES


REFERENCES

**Peters:1995:SPM**


**Peters:1995:SBZa**


**Peters:1996:CCS**


**Peters:1996:IRC**


**Peters:1996:SSI**

Jörg Peters. Spline surfaces from irregular control meshes.

**Peters:1997:CCM**


**Peters:1997:SPT**


**Peters:1998:PSF**


**Peters:1998:SPU**

REFERENCES

Peters:1998:APF


Peters:2001:SPR


Peters:2002:FFS


Peters:2002:GC


Peters:2003:SFN


Peters:2004:MSL


Peters:2012:CV


Peters:2013:SUK


Peters:2014:RSD


Peters:2015:GSF

Jörg Peters. General spline filters for discontinuous Galerkin solutions. *Computers and Mathemat-


See response [ASC18].


Jörg Peters and A. Nasri. Computing volumes of solids enclosed by recursive subdivision surfaces.


DEN CAGDEX. ISSN 0167-8396 (print), 1879-2332 (electronic).


Peters:2005:FIS


Peters:2004:CDS


Peters:2015:PSS


Peters:2006:EGR


Peters:2000:GMC


Peters:2001:CCB

[Jörg Peters and Georg Umlauf. Computing curvature bounds for
REFERENCES


Peters:1997:BBI


Peters:1997:BSB


Peters:2003:OPL


Peters:2006:LLI


Reif:2006:SAS


Sapidis:1994:DFC


Shiue:2005:RGS


Sarov:2016:RPG

REFERENCES


