# 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]. $C^1$ [KP15c, NKP16, NP16b, Pet90b, NP92, PS92b, PS92a, Pet95a, Pet95d]. $C^2$ [KP05, KP18a, KP18b, KP19a, Pet02a, KP09b, MP09, Pet89, Pet96a, Pet95b]. $C^k$ [GP15, Pet92b]. $G$ [SP16]. $G^1$ [ASC18, KP17, Pet18, Pet92a]. $G^2$ [HPS12, KP11a, KP11b, KP15a, KP16]. $G^k$ [GP15]. $m$ [PS92a]. $\mathcal{A}_n^*$ [KP10]. $T$ [KP19b].

**-constructions** [GP15]. **-continuous** [GP15]. **-direction** [PS04]. **-gons** [KP19b]. **-splines** [SP16]. **-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** [KP19a]. **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]. **Atlasing** [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]. **Bernstein** [Pet94c]. **better** [Pet03]. **between** [NPLxx, SPZ10]. **Bézier** [ASC18, NPLxx, Pet94c, Pet18, GP95]. **Bi** [MP09, ASC18, KP11b, KP15d, KP16, MKP08, Pet18]. **Bi-3** [MP09]. **bi-6** [KP16]. **bi-cubic** [ASC18, KP11b, KP15d, MKP08, Pet18]. **Bicubic** [KP07, Pet98b, KP16, Pet90b, Pet97a, Pet97b, Pet98c, Pet98a]. **bicubics** [Pet94b]. **biquadratic** [KP15c, KP15e]. **biquadratics** [Pet94b]. **Biquartic** [Pet95a]. **Biquintic** [KP15a]. **Blending** [PW97a, KP15e]. **blends** [KP15b, PW97b]. **bodies** [SPZ10]. **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].

**C** [Pet97a]. **CAGD** [HP94, PH94]. **Calgary** [MK91]. **Can** [KP15d]. **case** [KPR04]. **Centered** [KEP08]. **Changing** [Pet12]. **characterization** [KPR04, Pet94a, PR04]. **Class** [KP18a, KP15d]. **classes** [PR98a]. **classification** [Pet90c]. **code** [Pet97a]. **Collision** [WP04]. **Combinatorial** [SZP10]. **Combining** [KP18a, PS04, KP12b]. **compatible** [HPS12]. **completion** [KP16]. **complexity** [PF10]. **composite** [Pet92a]. **computer** [DLS94, Sap94, War92]. **computer-aided** [Sap94]. **Computing** [BBP+08, GOMP98, PN97, PU01]. **Concepts** [BPP95, Pet95c]. **Conference** [GM97, Mul96]. **Configuration** [OPB+18]. **Conflicting** [SZP10]. **connecting** [Pet94a]. **connectivity** [MKP08]. **Constrained** [OPB+18]. **Constraint** [SZP10, PSZF06]. **Constraints** [HP94, PH94, YP18]. **constructed** [Pet94b]. **Construction** [MNP08]. **constructions** [GP15, MKP08]. **continuity** [Pet02b]. **continuous** [GP15, KP09a, Pet96b]. **contracting** [KP18b]. **control** [NPLxx, Pet96d]. **convex** [Pet96c]. **convexity** [GP95]. **CSG** [PW97b]. **Cubic** [KEP08, ASC18, KP11b, KP15d, MKP08, Pet90b, Pet90e, Pet96c, Pet18]. **cubics** [FP96, PS92b]. **Curvature** [KP12a, KP13a, Pet96b, KP09a, PU00, PU01]. **Curvature-sensitive** [KP13a]. **Curve** [HPS12, FP96, KP12a, Pet96c]. **curved** [Pet04, YBP14]. **Curves** [DLS98, Pet89, War92, KP13a, Pet91b, Sap94].

**D** [Pet90a, PSZF06, NKP16]. **Dagstuhl** [FBBD98, GHPW12, HFPW09]. **data** [Pet90a]. **December** [BBP+08]. **Degree** [NP17, KP14, Pet02a]. **dependent** [OPR06]. **derived** [Pet14]. **Design** [BPP95, DLS94, FP96, KP11b, KP13a, Sap94, Pet95c]. **Designing** [Sap94]. **Detection** [WP04]. **Different** [GTP98]. **dimensional** [GP95, NP92]. **direction** [NP92, Pet96a, Pet95b, PS04]. **Discontinuous** [NP16a, NP17, Pet15]. **Discrete** [PRR05]. **Distance** [OPB+18, WP04, NPLxx]. **dominant** [KP19b]. **double** [FP96]. **double-Tschirnhaus** [FP96]. **Dundee** [GM97].

**Easy** [Pet95e]. **Editorial** [HFPW09]. **effectively** [KP18b]. **Efficient** [OPB+18, YBP14]. **elements** [GP15, NKP16, NP16b]. **Elimination** [PSZF06]. **enclose** [Pet91a]. **Enclosed** [PN97, GOMP98]. **enclosures**

[LP01a, PW03]. **envelopes** [LP01b]. **Equations** [PRR05, OPR06]. **equivalence** [PR98a]. **Evaluation** [Pet94c, KP09c]. **everywhere** [KP19a]. **Exchange** [GTP98]. **Explicit** [NP17].

**Face** [KEP08]. **Face-Centered** [KEP08]. **faces** [KP22]. **Facets** [MNP08]. **Fair** [KP19a, Sap94]. **fairness** [Pet03]. **Fast** [KP09c, MNP08, PRR05]. **Fields** [WP04]. **Filters** [NP16a, NP17, Pet15]. **finite** [KP18b, NKP16]. **Fitting** [Pet90a]. **Floorplanning** [HAPR94]. **Form** [Pet94c, KP12b, KP17, KP19a, KP09c, Pet92b, Pet93, Pet97a, Pet98c, Pet98a, Pet02a]. **Free** [KP12b, KP17, KP19a, Pet93, Pet97a, Pet98c, Pet98a, Pet02a]. **Free-form** [KP12b, KP17, KP19a, Pet93, Pet97a, Pet98c, Pet98a, Pet02a]. **functionals** [KP15a]. **Functions** [PW06, KP17].

**Galerkin** [NP16a, NP17, Pet15]. **Gaussian** [PU00]. **General** [Pet15]. **Generalized** [Pet89, PW06, OPR06]. **Generalizing** [PR98b, Pet93]. **generically** [PSZF06]. **geodesic** [YP18]. **Geometric** [BPP95, FBBD98, GHPW12, HP94, PH94, Pet95c, Pet02b, SZP10, DLS94, HFPW09, PSZF06, Sap94, Pet95c]. **geometry** [Pet04]. **Germany** [FBBD98]. **gons** [KP19b]. **Good** [KP18a]. **GPU** [SJP05]. **Graphics** [MK91, War92]. **Guided** [KP18a, KP05].

**H** [Pet95c]. **held** [Mul96]. **Hermite** [Pet89]. **higher** [GP95, NP92]. **higher-dimensional** [NP92]. **house** [GP98].

**identity** [Pet94a]. **II** [DLS98]. **III** [DLS94, War92]. **implicit** [PW97a]. **Improved** [KP15b, KP22]. **Improving** [Pet92a]. **incidences** [SPZ10]. **Independence** [PW06]. **Institute** [Mul96]. **Integration** [HAPR94]. **Interactive** [Gon97, HAPR94]. **Interface** [MK91, OPR06]. **Interference** [WP04]. **International** [BBP+08]. **interpolants** [KP14]. **Interpolation** [Pet89, Pet96c, Pet90b, Pet90c, Pet90e, Pet91b, NP92, PS92b, PS92a, YP18]. **interpolatory** [KP13b, KP14]. **Intervals** [OPB+18]. **irregular** [NP16b, Pet93, Pet95a, Pet96b, Pet96d]. **isogeometric** [GP15]. **Issue** [GHPW12, HFPW09]. **ISVC** [BBP+08]. **Iterative** [PRR05].

**Joining** [Pet92b]. **joins** [Pet92a]. **junctions** [KPP17]. **June** [MK91].

**kernel** [SJP05]. **knot** [Pet13].

**Lattice** [KEP08, KP10]. **lattices** [KP11c]. **layout** [NP16b, Pet97a]. **Learning** [HAPR94]. **Least** [NP17]. **Least-Degree** [NP17]. **Lens** [KP09b]. **Lens-shaped** [KP09b]. **Lillehammer** [DLS98]. **Linear** [PW06, LP01b, PW03, Pet04, PS15]. **linearly** [Pet90b, Pet97a, Pet98c, Pet98a]. **linearly-trimmed** [Pet97a, Pet98a]. **linking** [Pet04]. **Local** [Pet89, Pet90b, Pet90c, PW06, KP14]. **locally** [KP19b].

**Made** [Pet95e]. **manifolds** [NKP16]. **maps** [Pet94a]. **Massachusetts** [War92]. **Matched** [GP15]. **Mathematical** [DLS94, DLS98]. **Mathematics** [GM97, Mul96]. **max** [PW03]. **max-norm** [PW03]. **mean** [PU00]. **mesh** [Pet90e, Pet91b, NP92]. **Meshes** [MNP08, KP19b, NNP07, Pet93, Pet95a, Pet96b, Pet96d, PF10]. **Messages** [GTP98]. **method** [Pet90d]. **Methods** [DLS98, BS92, DLS94]. **Mid** [Pet04]. **Mid-structures** [Pet04]. **Minimal** [KP16, KP14]. **Modeling** [Gon97, HFPW09, Pet97a, Sap94, GHPW12]. **modelling** [FBBD98]. **moments**

[GOMP98]. **multi** [KP15b, KP15e, KP22, Pet03]. **multi-sided** [KP15e, KP22, Pet03]. **multi-surface** [KP15b]. **multiprocessor** [Pet90d]. **multisided** [KP05]. **Multistrategy** [HAPR94]. **Multivariate** [Pet94c, LP01a].

**n** [PR98a]. **n-space** [PR98a]. **need** [Pet03]. **Nested** [KP18a]. **nets** [GP95]. **network** [Pet90d, YP18]. **networks** [HPS12]. **Non** [KP13b, KP14, NKP16]. **non-tensor-product** [NKP16]. **Non-uniform** [KP13b, KP14]. **Nonuniform** [NP16a]. **norm** [PW03]. **normal** [Pet90b]. **November** [War92]. **Numerical** [BS92]. **NURBS** [KP12b, Pet97a, Pet97b]. **NV** [BBP+08].

**objects** [GOMP98]. **optimality** [PW03]. **Optimized** [LP01a, SPZ10]. **organized** [Mul96].

**Pairs** [MKP08]. **papers** [GHPW12]. **Parallel** [MNP08]. **parameter** [OPR06]. **parametric** [Pet90a, Pet91a]. **parametrically** [KP19a]. **parametrization** [SPZ10]. **Parametrizing** [Pet91a]. **Part** [BBP+08]. **Partitioned** [Pet94c]. **patch** [Pet92a, Pet97a]. **patch-layout** [Pet97a]. **Patches** [Pet98b, ASC18, KP05, KP09a, Pet90e, Pet92b, Pet03, Pet18]. **Patching** [Pet01]. **Pcp2Nurb** [Pet98c, Pet98a]. **Pent** [MNP08]. **piece** [NPLxx]. **pieces** [LP01a]. **piecewise** [GOMP98, PW03, Pet04]. **pixel** [YBP14]. **pixel-accurate** [YBP14]. **Platonic** [PK98]. **Point** [KP15c, OPB+18, OPR06]. **Point-augmented** [KP15c]. **Point-Sets** [OPB+18]. **polar** [KP07, MKP08, MP09]. **polycube** [SP16]. **polygon** [NPLxx]. **Polygons** [KP15d]. **Polyhedra** [Pet95e, Pet98b, Pet97b, PR97]. **Polynomial** [KP05, PS15, GOMP98, LP01a, NPLxx]. **Prautzsch** [Pet95c]. **preconditioners** [OPR06]. **Preprocessors** [SZP10]. **principles** [PR04]. **problem** [OPR06]. **Proceedings** [BBP+08, GM97, MK91, Mul96]. **product** [NKP16].

**Quad** [MNP08, KP19b, NP16b, PF10]. **quad-dominant** [KP19b]. **quadratic** [Pet93, PR98a]. **quadrilateral** [NNP07]. **Quads** [KP15d]. **quality** [Sap94]. **quantitative** [NPLxx]. **Quartic** [Pet89].

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**saddle** [OPR06]. **Scale** [NP16a]. **scheme** [PR97]. **schemes** [KP12a]. **Search** [OPB+18]. **Section** [KP11b]. **segments** [Pet96c]. **selected** [GHPW12]. **seminar** [GHPW12]. **sensitive** [KP13a]. **September** [GM97, Mul96]. **sequences** [Pet13]. **Sets** [OPB+18, Pet96a, Pet95b]. **Shape** [KPR04, KP18a, PR04, KP15b, Sap94]. **shaped** [KP09b]. **shapes** [KP11b, KP12b, PW97a]. **Sharp** [NPLxx]. **Shift** [NP16a]. **sided** [KP15e, KP22, Pet03]. **simplest** [PR97]. **Simplex** [Pet94c, Pet90d]. **simplices** [GP95]. **singularly** [Pet91a]. **Sizes** [GTP98]. **slefes** [PW03]. **Smooth** [FP96, KP15e, MNP08, Pet90e, Pet91b, Pet93, Pet01, KP19b, Pet90a, Pet90c, Pet91a, Pet92b, Pet97a, Pet98c, Pet98a, PF10]. **Smoothing** [Pet95e, Pet97b, Pet98b, PR97].

**Smoothness** [Pet03]. **Solids** [PN97]. **solutions** [Pet15]. **Solvers** [PRR05]. **Space** [Pet89, PR98a]. **Spaces** [OPB+18]. **Special** [GHPW12, HFPW09]. **Spheroids** [PK98]. **Spline** [KPP17, KEP08, Pet96d, PR98b, KP05, KP16, NP16b, Pet95a, Pet96a, Pet95b, Pet96b, PW97b, PF10, Pet15, PS15]. **Splines** [Gon97, Pet13, KP11a, KP11b, KP12b, KP13a, KP13b, KP15e, KP09c, KP10, KP11c, LP01b, Pet93, Pet95d, PW97a, Pet97a, Pet98c, Pet98a, Pet14, SP16]. **Stability** [PS92b, PS92a]. **stable** [KP09c]. **stitched** [ASC18, Pet18]. **Stokes** [OPR06, PRR05]. **Structural** [RP06]. **structures** [Pet04]. **studies** [KPR04]. **Subdivision** [KP18a, PN97, PR98b, PW06, PR08, WP04, GP95, KPR04, KP07, KP09b, KP12a, KP13b, KP14, KP15c, KP18b, MP09, NNP07, PR97, PU00, PU01, PS04, PR04, RP06, SJP05]. **summary** [RP06]. **supporting** [MKP08]. **Surface** [Gon97, KP15b, MKP08, Pet90b, Pet90c, Pet91a, Pet92a, Pet92b, Pet95d]. **Surfaces** [DLS98, KPP17, KP18a, MNP08, Pet94b, PN97, WP04, GOMP98, GM97, KPR04, KP05, KP09a, KP09b, KP15a, KP15c, KP15d, KP16, KP17, KP18b, KP19a, KP19b, Mul96, Pet90a, Pet93, Pet95a, Pet96a, Pet95b, Pet96b, Pet96d, Pet97a, PR98a, PU00, Pet02a, PR04, PR08, PF10, PS15, RP06, Sap94, War92, YBP14]. **surfacing** [HPS12, Pet98c, Pet98a]. **Symmetric** [KP10, KP11c]. **Symposium** [BBP+08]. **System** [HAPR94]. **Systems** [SZP10, PSZF06, SPZ10].

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**UK** [GM97]. **underlying** [PS92b]. **Uniform** [OPR06, KP13b, KP14]. **University** [Mul96]. **unsorted** [Pet13]. **USA** [BBP+08]. **Using** [Pet98b, Gon97, Pet92a, PW97a, Pet97b].

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**W** [Pet95c]. **workshop** [FBBD98].

**XXX** [Far97].

**yield** [GP15]. **yields** [KP18b].

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