

Thomas Takacs

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive Refinement for Unstructured T-Splines with Linear Complexity. Computer Aided Geometric Design, 2022, , 102117.	1.2	0
2	IGA Using Offset-based Overlapping Domain Parameterizations. CAD Computer Aided Design, 2021, 139, 103087.	2.7	1
3	Construction of approximate C^1 for isogeometric analysis on two-patch domains. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114017.	1.8	6
4	Smooth multi-patch discretizations in Isogeometric Analysis. Handbook of Numerical Analysis, 2021, , 467-543.	1.8	6
5	Manifold-Based B-Splines on Unstructured Meshes. Lecture Notes in Computational Science and Engineering, 2021, , 243-262.	0.3	0
6	A family of C^1 quadrilateral finite elements. Advances in Computational Mathematics, 2021, 47, 1.	1.6	11
7	A super-smooth C^1 space over planar mixed triangle and quadrilateral meshes. Computers and Mathematics With Applications, 2020, 80, 2622-2642.	2.7	57
8	Imposing nonlocal boundary conditions in Galerkin-type methods based on non-interpolatory functions. Computers and Mathematics With Applications, 2020, 80, 2877-2895.	2.7	0
9	Overlapping multi-patch structures in isogeometric analysis. Computer Methods in Applied Mechanics and Engineering, 2019, 356, 325-353.	6.6	20
10	An isogeometric C^1 subspace on unstructured multi-patch planar domains. Computer Aided Geometric Design, 2019, 69, 55-75.	1.2	43
11	Construction of analysis-suitable G^1 multi-patch parameterizations. CAD Computer Aided Design, 2018, 97, 41-55.	2.7	57
12	Dimension and basis construction for analysis-suitable G^1 two-patch parameterizations. Computer Aided Geometric Design, 2017, 52-53, 75-89.	1.2	43
13	Convergence of Tikhonov regularization for solving ill-posed operator equations with solutions defined on surfaces. Inverse Problems and Imaging, 2017, 11, 221-246.	1.1	2
14	Unstructured spline spaces for isogeometric analysis based on spline manifolds. Computer Aided Geometric Design, 2016, 47, 61-82.	1.2	22
15	Approximation error estimates and inverse inequalities for B-splines of maximum smoothness. Mathematical Models and Methods in Applied Sciences, 2016, 26, 1411-1445.	3.3	35
16	Analysis-suitable G^1 multi-patch parameterizations for C^1 isogeometric spaces. Computer Aided Geometric Design, 2016, 47, 93-113.	1.2	99
17	Construction of Smooth Isogeometric Function Spaces on Singularly Parameterized Domains. Lecture Notes in Computational Science, 2015, 433-451.	1.3	3
18	Derivatives of isogeometric functions on n-dimensional rational patches in C^1 multi-patch parameterizations. CAD Computer Aided Design, 2018, 97, 41-55.	1.2	6

