

・ 国際会議論文等リスト (新しい年代順)

- I058** Y.Yokosuka, S.Torigoe and T.Honma : **Form-finding of Hybrid Tensile Structures with Active Bending Using Finite Element Technique Assuming Nodal Coordinates**, Proceedings of the IASS 2022 Symposium affiliated with APCS 2022 conference Innovation· Sustainability· Legacy zoom, (10 page) SEP.2022 (査読論文)
- I057** Y.Yokosuka, T.Kujuro and T.Honma : **Structural Optimization of Steel frame Structures using Surrogate Model by Neural Networks**, Asian Congress of Structural Multidisciplinary Optimization 2022 (ACSMO 2022)zoom, abstract (1 page), May.2022
- I056** Y.Yokosuka, J.Inoguchi, M.Ohsaki and T.Honma : **Gridshell structures with discrete curvature lines : Modeling technique and evaluation of mechanical performance**, Inspiring the Next Generation, Proceedings of the IASS Annual Symposium 2020/21 and the 7th International Conference on Spatial Structures (IASS21/21), pp.821-833 (11 pages), AUG.2021 (査読論文)
- I055** M.Arima, T.Honma and Y.Yokosuka : **Solution Search Ability of Optimization Procedure Using Quantum Behaved Swarm Intelligence**, Asian Congress of Structural Multidisciplinary Optimization 2020 (ACSMO 2020) zoom, pp.109-114 (6 pages), Nov.2020
- I054** H.Utsunomiya, T.Honma, Y.Yokosuka and N.Murashima : **Simultaneous Optimization Analysis of Shape and Cutting Pattern for Cable-Reinforced Suspension Membrane Structure**, Asian Congress of Structural and Multidisciplinary Optimization 2018 (ACSMO2018), Paper-ID 145 (7 pages), MAY.2018
- I053** T.Nakayama, Y.Yokosuka and T.Honma : **Structural Optimization for Timber Grid Shell Structure Using Geodesics - Comparison of Optimized Solutions in Different Grid Patterns -**, Asian Congress of Structural and Multidisciplinary Optimization 2018 (ACSMO2018), Paper-ID 149 (10 pages), MAY.2018
- I052** Y.Yokosuka and T.Honma : **Form-finding Analysis for Reversed Hanging Membrane Forms with Constant Force Density**, Asian Congress of Structural and Multidisciplinary Optimization 2018 (ACSMO 2018), Paper-ID 188 (7 pages), MAY.2018
- I051** S.Komikado, Y.Yokosuka and T.Honma : **Structural Optimization for Hybrid Structure with Cable and Strut Member: Analysis Using Finite Element Technique with Coordinates Assumption**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2017 (IASS2017), ID 9524 (10 pages), SEP.2017 (査読論文)
- I050** A.Honda, T.Honma and Y.Yokosuka : **Geometrically Nonlinear Analysis of Three Dimensional Structure Model by Finite Element Technique with Coordinates Assumption**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2017 (IASS2017), ID 9565 (10 pages), SEP.2017 (査読論文)
- I049** Y.Yokosuka and T.Honma : **Form-Finding Analysis for Membrane Structures Based on Discrete Differential Geometry : Verification of Unit Stress Distribution**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2017 (IASS2017), ID 9560 (10 pages), SEP.2017 (査読論文)
- I048** S.Komikado, Y.Yokosuka and T.Honma : **Form-finding Analysis for Stabilized and Stiffened Structural System Using Tension Members**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), "Spatial Structures in the 21st Century", ID 1359 (10 pages), SEP.2016 (査読論文)
- I047** T.Nishida, T.Honma and Y.Yokosuka : **Shape Optimization by Presence of Antiplane Shear Deformation in Free-Form Shell Structure**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), "Spatial Structures in the 21st Century", ID 1356 (9 pages), SEP.2016 (査読論文)
- I046** K.Nagata and T.Honma : **Multi-objective Optimization for Free Form Surface Shell Using Swarm Intelligence with Decent Solutions Search**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), "Spatial Structures in the 21st Century", ID 1120 (10 pages), SEP.2016 (査読論文)
- I045** D.Wada, K.Tanaka and T.Honma : **Structural Morphogenesis for Tunnel- Shaped Frame Structure by Using Genetic Algorithms**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), "Spatial Structures in the 21st Century", ID 1180 (6 pages), SEP.2016 (査読論文)

- I044** R.Hara, S.Kato, S.Nakazawa and T.Honma : **Ultimate strength of reinforced concrete shell of free form of a square plan supported by four corners**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), “Spatial Structures in the 21st Century”, ID 1194 (10 pages), SEP.2016 (査読論文)
- I043** Y.Okita and T.Honma : **Structural Morphogenesis for Asymmetric Free-Form Grid Shell Using NURBS with Manipulation of Decent Solutions Search**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), “Spatial Structures in the 21st Century”, ID 1233 (9 pages), SEP.2016 (査読論文)
- I042** Y.Yokosuka and T.Honma : **Geodesic Search on Triangle Mesh for Frame Structures**, Proceedings of the International Association for Shell and Spatial Structures Annual Symposium 2016 (IASS2016), “Spatial Structures in the 21st Century”, ID 1461 (10 pages), SEP.2016 (査読論文)
- I041** H.Yamazaki, T.Honma, Y.Yokosuka and Y.Nishimori : **Structural Morphogenesis for Free-Form Grid Shell with Constructability by Uniform Member Length and Joint Angle**, Asian Congress of Structural and Multidisciplinary Optimization 2016 (ACSMO2016), Paper-ID 91 (8 pages), MAY.2016
- I040** K.Tsukazaki, T.Honma, Y.Yokosuka and N.Tanaka : **Structural Shape Optimization for Free-Form Shell Structures with Improved Firefly Algorithm**, Asian Congress of Structural and Multidisciplinary Optimization 2016 (ACSMO2016), Paper-ID 90 (7 pages), MAY.2016
- I039** Y.Yokosuka and T.Honma : **Geodesic Search on Curved Surface with Triangle Mesh**, Asian Congress of Structural and Multidisciplinary Optimization 2016 (ACSMO2016), Paper-ID 170 (7 pages), MAY.2016
- I038** T.Satonaka, Y.Yokosuka and T.Honma : **Form-Finding Analysis for Membrane Structure with Cable Using Geometric Energy Minimization**, Proceedings of the International Association for Shell and Spatial Structures (IASS)(10 pages), Symposium 2015, Amsterdam , AUG.2015 (査読論文)
- I037** Y.Yokosuka and T.Honma : **Structural Optimization for Stabilized and Stiffened Structural System by Tension Members**, The 11th World Congress on Structural and Multidisciplinary Optimisation (WCSMO), pp.1449–1455 (6 pages), Sydney, JUN.2015
- I036** N.Tanaka, T.Honma and Y.Yokosuka : **Structural Shape Optimization of Free-Form Surface Shell and Property of Solution Search Using Firefly Algorithm**, The Eighth China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), Gyeongju, Korea, Paper No.158 (6 pages), MAY.2014
- I035** Y.Nishimori, T.Honma and Y.Yokosuka : **Structural Morphogenesis for Grid Shell with Member of Uniform Length and Cross Section by Genetic Algorithms to Implement Manipulation of Decent Solutions Search**, The Eighth China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), Gyeongju, Korea, Paper No.159 (6 pages), MAY.2014
- I034** Y.Yokosuka and T.Honma : **Form-Finding Analysis for Structural System Stiffened by Tension Members**, The Eighth China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM8), Gyeongju, Korea, Paper No.182 (6 pages), MAY.2014
- I033** N.Tanaka and T.Honma : **Structural Shape Optimization of Free-Form Surface Shell Using Firefly Algorithm**, Proceedings of the International Association for Shell and Spatial Structures (IASS) Symposium 2013 (BEYOND THE LIMITS OF MAN), No.1226, pp.1–8 (8 pages), CD-ROM, Wroclaw, Poland, SEP.2013 (査読論文)
- I032** R.Kurogi and T.Honma : **Cutting Pattern Analysis with Form Finding for Pneumatic Membrane Structure and Curved Surface Form Confirmation Using Miniature Model**, Proceedings of the First Conference Transformables 2013 (In the Honor of Emilio Perez Piñero), pp.423–428 (6 pages), EDITORIAL STARBOOKS , Seville, Spain, SEP.2013 (査読論文)
- I031** K.Nagata and T.Honma : **Structural Morphogenesis for Free Form Surface Shell Using Swarm Intelligence with Decent Solution Search Manipulation**, CD-ROM Proceedings of 7th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems (CJK-OSM7), J083, pp.1–10 (10 pages), Huangshan.China, JUN.2012
- I030** Y.Okita and T.Honma : **Structural Morphogenesis for Free-Form Grid Shell Using Genetic Algorithms with Manipulation of Decent Solution Search**, IASS Annual Symposium : CD-ROM Proceedings of IASS-APAC 2012 (The International Association for Shell and Spatial Structures and Asian Pacific Conference on Shell and Spatial Structures) , pp.1–8 (8 pages), Seoul.Korea, MAY.2012 (査読論文)
- I029** K.Nagata and T.Honma : **Structural Morphogenesis Using Particle Swarm Optimization**, CD-ROM

Proceedings of 9th World Congress on Structural and Multidisciplinary Optimization (WCSMO-9), paper176_1 (8 pages), Shizuoka.Japan, JUN.2011

- I028** D.Wada and T.Honma : **Structural Morphogenesis for Free Surface Shell Structure with Convexo-Concave Form of Curved Surface -Application of Genetic Algorithms with Diversity of Solution-**, CD-ROM Proceedings of International Symposium on Algorithmic Design for Architecture and Urban Design, K-1 (10 pages), Tokyo.Japan, MAR.2011
- I027** F. Fujii, S. Shibata and T. Honma : **An Effective Buckling Load Sensitivity in Shape Optimization of Nonlinear Plane Structures**, 6th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems CD-ROM Proceedings, J88 (8 pages), Kyoto.Japan, JUN.2010
- I026** D.Wada and T.Honma : **Structural Morphogenesis for Free Surface Shell Structure by Using Genetic Algorithms with Diversity of Solution**, 6th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical Systems CD-ROM Proceedings, J35 (6 pages), Kyoto.Japan, JUN.2010
- I025** K.Yamamoto, T.Honma : **Fundamental Study on Generating Free-Form Surfaces by Applying Forced Displacement on Grid Plate**, The 9th Asian Pacific Conference on Shell and Spatial Structures (APCS2009), JAPAN, CD-R (8 pages), MAY.2009
- I024** F.Fujii, Y.Satoh, Y.Nishina, K.Yoshida, T.Honma : **Computational Softness Rendering of Textile Materials in Nonlinear Dynamics**, The Eleventh East Asia-Pacific Conference on Structural Engineering and Construction (EASEC-11), November 19-21, 2008, Taipei, Taiwan, CD-ROM Proceedings, Paper No.3 in Structural Dynamics/Structural Engineering (6 pages), NOV.2008
- I023** T.Honma and K.Noizui : **Structural morphogenesis by the genetic algorithms selecting decent solution with diversity**, Conference Abstracts, p.250 (1 page), International Conference on Computational Methods, APR.2007 **invited lecture**
- I022** T.Honma and K.Noizui : **A Procedure on the Genetic Algorithms with Diversity of the Solution and Structural Morphogenesis**, International Workshop on Computational Morphogenesis 2006, p.13 (1 page), OCT.2006 **invited lecture**
- I021** M.Tokuda, T.Honma and Y. Matsunaga : **Historical Street Scene Evaluation Using Self-organization Critical State Analysis**, Soft Computing in Mechanical and Structural Engineering, Architecture, and Environmental Science, The 7th World Congress on Computational Mechanics mini-symposium, Los Angeles, JLY.2006
- I020** M.Tokuda, T.Honma and Y.Matsunaga : **Construction of Design Support System for Site Planning of Low-rise Housings by Simulated Breeding**, Soft Computing in Mechanical and Structural Engineering, Architecture and Environmental Science, The 7th World Congress on Computational Mechanics mini-symposium, Los Angeles, JLY.2006
- I019** T.Honma, H.Kaji and N.Tosaka : **Optimization of Structure System by Using an Immune Algorithm and Diversity of Its Solutions**, Shape and Topology Optimization, International Workshops on Advances in Computational Mechanics, Woekshops Abstracts (1 page), NOV.2004 **invited lecture**
- I018** N.Tosaka, T.Honma, K.Yamamoto and Y.Minakawa : **Structural Morphogenesis by Autonomous Decentralized Finite Element Method**, The 6th Asian Pacific Conference on Shell and Spatial Structures, Korea, Vol.I, pp.159-166 (8 pages), Hakumun Publishing, Inc., DEC.2000
- I017** T.Honma and N.Tosaka : **Generation of Structural Shapes and Systems by Autonomous Decentralized Finite Element Method**, The 6th Asian Pacific Conference on Shell and Spatial Structures, Korea, Vol.II, pp.809-816 (8 pages), Hakumun Publishing, Inc., DEC.2000
- I016** T.Manabe, N.Tosaka and T.Honma : **Dynamic Stability Analysis of Flow-Conveying Pipe with Two Lumped Masses by Domain Decomposition BEM**, Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications, Vol.V, pp.2839-2845 (7 pages), CSREA Press 2000, JUN.2000
- I015** T.Manabe, N.Tosaka and T.Honma : **Dynamic Stability Analysis of Flow-Conveying Pipe with Two Lumped Masses Problem by Domain Decomposition BEM**, 12th International Conference on Domain Decomposition Methods, Book of Abstracts, p.63 (1 page), OCT.1999
- I014** T.Honma and N.Tosaka : **Autonomous Decentralized FEM and Its Application Shape Optimization**, International Symposium on Inverse Problems in Engineering Mechanics, abstract p.9 (1 page), MAR.1998
- I013** T.Honma and H.Taniguchi : **A Computer Graphics System with a Steering Process for the Initial Design Stage of Membrane Structures**, International Symposium on Shell and Spatial Structures-Milano, Vol.2, Tension Structures, pp.759-766 (8 pages), JUL.1995 (ISBN: 8886281102) **(査読論文)**

- I012** T.Shinnoh, Y.Kagawa, T.Honma, Y.Kato and H.Kiyokawa : **A Study of Magnetic Field Analysis Techniques for Magnetically Shielded Room Design**, International Association of Science Technology for Development, International Conference Modeling, Simulation & Identification, pp.187-190(4 pages), SEP.1994 (ISBN: 9780889862029)
- I011** T.Manabe, T.Honma and N.Tosaka : **Bifurcation Analysis of An Inextensible Elastic Circular Ring**, International Association for Computational Mechanics, The Third World Congress on Computational Mechanics Extended Abstracts, Vol. II, pp.1269-1270(2 pages), AUG.1994
- I010** T.Manabe, T.Honma and N.Tosaka : **Bifurcation Analysis of Simple Structure Models**, SEIKEN-IASS Symposium on Nonlinear Analysis and Spatial Structures, pp.531-536(6 pages), OCT.1993 (ISBN: 4915936015)
- I009** T.Honma and N.Tosaka : **Non-Conservative Stability Analysis by Boundary Element Method**, Computational Mechanics Publications+Elsevier Applied Science, Boundary Elements X IV, Vol.2, pp.502-514 (13 pages), NOV.1992 (査読論文)
- I008** N.Tosaka, T.Honma and T.Manabe : **Integral Equation Analysis of Viscous Flow Between Two Rotating Coaxial Disks**, Symposium of International Association for Boundary Element Method-91 Kyoto Abstracts, pp.161-163(3 pages), OCT.1991
- I007** Y.Kato, N.Okada, T.Honma, M.Nakayama, K.Yamamoto : **Field Testing on the Structural Characteristics of Suspension Timber Roof**, International Symposium on Shell and Spatial Structures-Copenhagen, Vol.III Numerical Method and Test Results, pp.61-68(8 pages), SEP.1991 (査読論文)
- I006** N.Tosaka, Y.Kasai and T.Honma : **Computer Simulation for Felling Patterns of building**, International Union of Testing and Research Laboratories for Materials and Structures, Chapman and Hall, The Second International RILEM Symposium, Vol.1, pp.395-403(9 pages), SEP.1988 (査読論文)
- I005** T.Honma, M.Nakayama, T.Suzuki, T.Arai and N.Sakane : **Minimum Surface Problem for Membrane Structures**, International Symposium on Shell and Spatial Structures-Istanbul, pp.675-684(10 pages), SEP.1988 (査読論文)
- I004** T.Honma, N.Tosaka and T.Nishimura : **Static Analysis of Membrane Structure with Large Deformation and Wrinkling Waves**, International Symposium on Shell and Spatial Structures-Beijing, pp.598-605(8 pages), OCT.1987 (査読論文)
- I003** 本間俊雄, 鈴木俊男, 荒井高志, 中山昌尚, 坂根伸夫 : **膜構造における極小曲面問題について**, 第 2 回 シェルと空間構造に関する日韓コロキウム, pp.111-118(8 pages), AUG.1987
- I002** 坂根伸夫, 鈴木俊男, 荒井高志, 中山昌尚, 本間俊雄 : **ナタリー空気膜構造の構造特性**, 第 2 回 シェルと空間構造に関する日韓コロキウム, pp.103-110(8 pages), AUG.1987
- I001** T.Nishimura, N.Tosaka and T.Honma : **Membrane Structure Analysis Using the Finite Element Technique**, International Symposium on Shell and Spatial Structures-Osaka, Vol.2, pp.9-16(8 pages), SEP.1986 (査読論文)