

Na 3 Kongresie Mechaniki Polskiej oraz 21 międzynarodowej konferencji Metod Komputerowych w Mechanice z Zakładu prezentowane były następujące referaty:



Bołbotowski K., Sokół T. - New method of generating Strut and Tie models using truss topology optimization,

Czarnecki S., Czubacki R., Lewiński T., Wawruch P. - The Free Material Design reduced to the Monge-Kantorovich problem,

Czarnecki S., Czubacki R., Wawruch P. - Stress based version of isotropic material design in two dimensions,

Czarnecki S., Czubacki R., Lewiński T. - Topology optimization of spatial continuum structures made of a non-homogeneous material of cubic symmetry,

Czarnecki S., Wawruch P. - Selected problems of numerical analysis of Free Material Design,

Kacprzyk Z., Ostapska-Łuczowska K. - Available numerical implementations of isogeometric analysis,

Łukasiak T. - HS(ro) – an isotropic material interpolation scheme based on Hashin-Shtrikman variational bounds,

Rozvany G.I.N., Sokół T., Pomezanski V., Gaspar Z. - Extension of Michell's classical (1904) truss topology optimization theory to multiple load conditions, stress and displacement constraints, space (3D) trusses, probabilistic design and discontinuous support conditions,

Sokół T., Rozvany G.I.N. - A new adaptive ground structure method for multi-load spatial Michell structures