

Contents:

- 3 N.A. JASIM, H.S.M. ALJUMAILY, I.F. VAROUQA, F.M.S. AL-ZWAINY,
Building information modeling and building knowledge modeling in project management
- 17 L. PALYS, M.W. MRZYGŁÓD, *Using metamodeling and fluid-structure interaction analysis in multi-objective optimization of a butterfly valve*
- 39 P. SYCH, M. SŁOŃSKI, *Structural design optimization of steel beams and frames with web-tapered members using the PSO-FEM algorithm*
- 57 E. ASADI ASRAMI, M. MOONESUN, F. AZIZI ABL, *Computational fluid dynamics and experimental hydrodynamic analysis of a solar AUV*

Abstracted/indexed in:

Applied Mechanics Reviews • Current Mathematical Publications • Inspec
Mathematical Reviews • MathSci • Scopus • Zentralblatt für Mathematik

C 5530

Contents:

- 82 MD.J. ALAM, MD.G. MURTAZA, E.E. TZIRTZILAKIS, M. FERDOWS, *Effect of thermal radiation on biomagnetic fluid flow and heat transfer over an unsteady stretching sheet*
- 105 S. EL MOTAKI, A. EL FENGOUR, *A statistical comparison of feature selection techniques for solar energy forecasting based on geographical data*
- 119 S. PATRA, *Designing a cross-trainer using an artificial neural network*
- 139 F. AHMAD, T. AHMAD, *Image mining based on deep belief neural network and feature matching approach using Manhattan distance*

Abstracted/indexed in:

Applied Mechanics Reviews • Current Mathematical Publications • Inspec
Mathematical Reviews • MathSci • Scopus • Zentralblatt für Mathematik

Contents:

- 171 H.A. DAUD, S.A. DAUD, A.A. AL-AZZAWI, *Thermal behavior of hollow and solid steel beams with different boundary conditions*
- 193 S. WANG, L. KHALIJ, R. TROIAN, L. SHI, *Prediction of random vibration fatigue damage using isogeometric modelling*
- 225 S. BEIGMORADI, M. VAHDATI, *Off-centered distance effect study on drag polishing process*
- 243 A. RABII, S. ASSOUL, O. ROUDIÈS, *Guide to domain specific language graphical editor prototyping*

Abstracted/indexed in:

Applied Mechanics Reviews • Current Mathematical Publications • Inspec
Mathematical Reviews • MathSci • Scopus • Zentralblatt für Mathematik