

| No. | Co-authors | Article title | Keywords | Vol., No., pp. | DOI | Citation |
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| 1 | Qiu Z.C., Zhang W.M., Guo Y., Qin F., Yue M.M. | Effect of external field on the variation of magnetic memory signals | Metal Magnetic Memory, External Field, Stress Concentration Zone, 16MnR Steel. | 1, 1, 1-4 | 10.18280/mmep.010101 | Qiu Z.C., Zhang W.M., Guo Y., Qin F., Yue M.M. (2014). Effect of external field on the variation of magnetic memory signals, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 1, pp. 1-4. DOI: 10.18280/mmep.010101 |
| 2 | Chen F.Y. | Study on the cracking pattern of concrete tower | Damage Evolution, Racking Behavior, Fractal Dimension. | 1, 1, 5-10 | 10.18280/mmep.010102 | Chen F.Y. (2014). Study on the cracking pattern of concrete tower, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 1, pp. 5-10. DOI: 10.18280/mmep.010102 |
| 3 | Yuan Q.N., Yuan Q.Y., Sun J.F. | Development research of digital manufacturing resource modeling technology based on patent information analysis | Digital Manufacturing Resources, Modeling Technology Patent Analysis Patent Search. | 1, 1, 11-14 | 10.18280/mmep.010103 | Yuan Q.N., Yuan Q.Y., Sun J.F. (2014). Development research of digital manufacturing resource modeling technology based on patent information analysis, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 1, pp. 11-14. DOI: 10.18280/mmep.010103 |
| 4 | Hou Y.C., Peng W.C. | Distance between uncertain random variables | Uncertainty Theory, Uncertain Random Variable, Chance Measure, Distance. | 1, 1, 15-20 | 10.18280/mmep.010104 | Hou Y.C., Peng W.C. (2014). Distance between uncertain random variables, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 1, pp. 15-20. DOI: 10.18280/mmep.010104 |
| 5 | Huang Q.H., Wei L.Y., Huo H.F. | Research on independent college teachers' teaching ability based on factor analysis in SPSS | Independent College, Teaching Ability, Factor Analysis, SPSS. | 1, 1, 21-24 | 10.18280/mmep.010105 | Huang Q.H., Wei L.Y., Huo H.F. (2014). Research on independent college teachers' teaching ability based on factor analysis in SPSS, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 1, pp. 21-24. DOI: 10.18280/mmep.010105 |
| 6 | Zhou Z.H., Chen S., Xu F., Jiang H.L., Xiao Y. | Study on TFP of grain in Poyang Lake Ecological Economic Zone on DEA | Grain, Total Factor Productivity, DEA-Malmquist Index Model, Poyang Lake Ecological Economic Zone. | 1, 2, 1-6 | 10.18280/mmep.010201 | Zhou Z.H., Chen S., Xu F., Jiang H.L., Xiao Y. (2014). Study on TFP of grain in Poyang Lake Ecological Economic Zone on DEA, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 2, pp. 1-6. DOI: 10.18280/mmep.010201 |
| 7 | Zhu W., Li C.Y., Xu X.Z., Liang X. | Analysis on the structure transformation of landing craft | Landing Craft, Strength Analysis, Finite Element Method, MAXSURF, ANSYS. | 1, 2, 7-10 | 10.18280/mmep.010202 | Zhu W., Li C.Y., Xu X.Z., Liang X. (2014). Analysis on the structure transformation of landing craft, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 2, pp. 7-10. DOI: 10.18280/mmep.010202 |
| 8 | Shang S.C., Zhou H., Chang X., Liu M.X., Li N., Shang Q.Q. | Study on factors of inject large volume liquid into trunk | Tree Trunk Injection, Large Volume Liquid, Pesticide, Microelement Fertilizer. | 1, 2, 11-14 | 10.18280/mmep.010203 | Shang S.C., Zhou H., Chang X., Liu M.X., Li N., Shang Q.Q. (2014). Study on factors of inject large volume liquid into trunk, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 2, pp. 11-14. DOI: 10.18280/mmep.010203 |
| 9 | Sun Y.G., Qiang H.Y., Yang K.R., Chen Q.L., Dai G.W., Dong M. | Experimental design and development of heave compensation system for marine crane | Heave Compensation, Marine Crane, Designing and Development of Experiments. | 1, 2, 15-22 | 10.18280/mmep.010204 | Sun Y.G., Qiang H.Y., Yang K.R., Chen Q.L., Dai G.W., Dong M. (2014). Experimental design and development of heave compensation system for marine crane, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 2, pp. 15-22. DOI: 10.18280/mmep.010204 |
| 10 | Ben Y.T., Wang X.R., Li G.H., Li X.J. | Design on a new alarm which can blast the automotive galss | PIC16F877A, Alarm, Automatic Blast Automotive Glass Device. | 1, 2, 23-26 | 10.18280/mmep.010205 | Ben Y.T., Wang X.R., Li G.H., Li X.J. (2014). Design on a new alarm which can blast the automotive galss, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 1, No. 2, pp. 1-6. DOI: 10.18280/mmep.010205 |
| 1 | Ren X.H., Liu Q., Zhang Y.M. | The proportion of energy consumption structure prediction based on Markov Chain | Energy, Energy Structure, Markov Chain, Energy Prediction, Energy Policy. | 2, 1, 1-4 | 10.18280/mmep.020101 | Ren X.H., Liu Q., Zhang Y.M. (2015). The proportion of energy consumption structure prediction based on Markov Chain, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 1, pp. 1-4. DOI: 10.18280/mmep.020101 |
| 2 | Wang X.H. Jiao Y.L. | Study on the heat transfer characteristic of heat pipe containing magnetic nano-fluids strengthened by magnetic field | Magnetic Fields, Nano-Magnetic Fluid, Heat Pipe, Heat Transfer. | 2, 1, 5-8 | 10.18280/mmep.020102 | Wang X.H. Jiao Y.L. (2015). Study on the heat transfer characteristic of heat pipe containing magnetic nano-fluids strengthened by magnetic field, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 1, pp. 5-8. DOI: 10.18280/mmep.020102 |
| 3 | Song J., Chen F.Y. | Calculation model for thermo-mechanical coupling and 3D numerical simulation for concrete tower of cable-stayed bridge | Temperature, Mechanical Properties, Thermo-Mechanical Coupling, Cable-Stayed Bridge. | 2, 1, 9-12 | 10.18280/mmep.020103 | Song J., Chen F.Y. (2015). Calculation model for thermo-mechanical coupling and 3D numerical simulation for concrete tower of cable-stayed bridge, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 1, pp. 9-12. DOI: 10.18280/mmep.020103 |

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| 4 | Li Y., Wei D.D., Mu Z., Xiong Z.H., Wang Y.H., Yin W.S. | Study of the time-collocation of signal lamp at intersection | Traffic Management, Traffic Signal Control, VISSIM Micro Simulation, Signal Lamp Interval Time. | 2, 1, 13-16 | 10.18280/mmep.020104 | Li Y., Wei D.D., Mu Z., Xiong Z.H., Wang Y.H., Yin W.S. (2015). Study of the time-collocation of signal lamp at intersection, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 1, pp. 13-16. DOI: 10.18280/mmep.020104 |
| 5 | Zhao M.Y., Zhao D.X., Jiang Z.X., Cui D.M., Li J., Shi X.Y. | The gray prediction GM (1, 1) model in traffic forecast application | Gray Prediction, GM (1, 1), Population, GDP. | 2, 1, 17-22 | 10.18280/mmep.020105 | Zhao M.Y., Zhao D.X., Jiang Z.X., Cui D.M., Li J., Shi X.Y. (2015). The gray prediction GM (1, 1) model in traffic forecast application, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 1, pp. 17-22. DOI: 10.18280/mmep.020105 |
| 6 | Lu J.F., Zhang K.K., Zhang F.G. | The optimization design of micro-cultivator blade used on sloping fields | Micro-Cultivator, Blade, Analysis, Optimization. | 2, 2, 1-4 | 10.18280/mmep.020201 | Lu J.F., Zhang K.K., Zhang F.G. (2015). The optimization design of micro-cultivator blade used on sloping fields, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 2, pp. 1-4. DOI: 10.18280/mmep.020201 |
| 7 | Li Y., Wei D.D., Mu Z., Xiong Z.H., Wang Y.H., Yin W.S. | Study of the time-collocation of signal lamp at intersection | Traffic Management, Traffic Signal Control, VISSIM Micro Simulation, Signal Lamp Interval Time. | 2, 2, 5-10 | 10.18280/mmep.020202 | Li Y., Wei D.D., Mu Z., Xiong Z.H., Wang Y.H., Yin W.S. (2015). Study of the time-collocation of signal lamp at intersection, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 2, pp. 5-10. DOI: 10.18280/mmep.020202 |
| 8 | Han Z.H., Zhu P.X., Guo Y.Z., Zhou S.G., Fan N.J. | Synthesis and property study of layered Ti/TiB ₂ composite electrode materials for wet electrolytic | Ion Beam Sputtering, TiB ₂ Intermediate Layer, Electrochemical Performance, Composite Electrode Materials. | 2, 2, 11-14 | 10.18280/mmep.020203 | Han Z.H., Zhu P.X., Guo Y.Z., Zhou S.G., Fan N.J. (2015). Synthesis and property study of layered Ti/TiB ₂ composite electrode materials for wet electrolytic, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 2, pp. 11-14. DOI: 10.18280/mmep.020203 |
| 9 | Zhang J.X., Wang X.R., Bo L., Liu C.P. | Thermal equilibrium analysis of heavy oil box-type substation | Box-Type Substation, Thermal Equilibrium, Numerical Simulation. | 2, 2, 15-18 | 10.18280/mmep.020204 | Zhang J.X., Wang X.R., Bo L., Liu C.P. (2015). Thermal equilibrium analysis of heavy oil box-type substation, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 2, pp. 15-18. DOI: 10.18280/mmep.020204 |
| 10 | Liu J.R., Yu S.S. | Time series analysis in the application research of the personal income tax planning in colleges and universities | Time Series Analysis, Personal Income Tax, Tax Planning. | 2, 3, 1-4 | 10.18280/mmep.020301 | Liu J.R., Yu S.S. (2015). Time series analysis in the application research of the personal income tax planning in colleges and universities, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 3, pp. 1-4. DOI: 10.18280/mmep.020301 |
| 11 | Huang H. | The employment effects of trade in tourism service | Tourism Service Trade, Employment Effects, Labor-Intensive. | 2, 3, 5-8 | 10.18280/mmep.020302 | Huang H. (2015). The employment effects of trade in tourism service, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 3, pp. 5-8. DOI: 10.18280/mmep.020302 |
| 12 | Wang X., Wang X.R., Zhang J.X., Wang J.G. | Nozzle diameter influence on spray characteristics in a constant volume combustion chamber | Nozzle Diameter, Penetration Length, SMD, Core Angle. | 2, 3, 9-12 | 10.18280/mmep.020303 | Wang X., Wang X.R., Zhang J.X., Wang J.G. (2015). Nozzle diameter influence on spray characteristics in a constant volume combustion chamber, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 3, pp. 9-12. DOI: 10.18280/mmep.020303 |
| 13 | Ren X.H., Zhang Y.M. | The optimal size of China's strategic petroleum reserve | Energy Security, Oil Supply, Oil Storage, Game Theory. | 2, 3, 13-16 | 10.18280/mmep.020304 | Ren X.H., Zhang Y.M. (2015). The optimal size of China's strategic petroleum reserve, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 3, pp. 13-16. DOI: 10.18280/mmep.020304 |
| 14 | Qiu W.M., Guo D.W., Zhang C.Y., Xu Y.X., Wang G. | A smart grid client-side testing platform for monitoring | Smart Grid, Motor Protection, Software Anti-Jamming, Cycle Monitoring. | 2, 3, 17-20 | 10.18280/mmep.020305 | Qiu W.M., Guo D.W., Zhang C.Y., Xu Y.X., Wang G. (2015). A smart grid client-side testing platform for monitoring, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 3, pp. 17-20. DOI: 10.18280/mmep.020305 |
| 15 | Wei R.G., Zhen J.G., Bao L.L. | Study on mining big users data in the development of Hubei auto-parts enterprise | Auto Parts, Technological Innovation, Big Users Data, Green Development. | 2, 4, 1-6 | 10.18280/mmep.020401 | Wei R.G., Zhen J.G., Bao L.L. (2015). Study on mining big users data in the development of Hubei auto-parts enterprise, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 1-6. DOI: 10.18280/mmep.020401 |
| 16 | Dai G.W., Sun Y.G., Dong D.S., Qiang H.Y. | Nonlinear control for electromagnetic suspension systems on elastic guideway | Low-Speed Maglev Train, Dynamic Model, Coupling Vibration, Nonlinear Control. | 2, 4, 7-12 | 10.18280/mmep.020402 | Dai G.W., Sun Y.G., Dong D.S., Qiang H.Y. (2015). Nonlinear control for electromagnetic suspension systems on elastic guideway, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 7-12. DOI: 10.18280/mmep.020402 |

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| 17 | Sun Y.G., Teng Y.Y., Chen C., Qiang H.Y. | Dynamics response simulation and study of the shore container cranes in an earthquake | Shore Container Cranes, Dynamics, Earthquake, Rigid Multi-Body Dynamics. | 2, 4, 13-16 | 10.18280/mmep.020403 | Sun Y.G., Teng Y.Y., Chen C., Qiang H.Y. (2015). Dynamics response simulation and study of the shore container cranes in an earthquake, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 13-16. DOI: 10.18280/mmep.020403 |
| 18 | Zhang S., Zhang L. | Size-dependent melting point of nanoparticles based on bond number calculation | Metals, Nanostructures, Crystal Structure, Thermodynamic Properties. | 2, 4, 17-22 | 10.18280/mmep.020404 | Zhang S., Zhang L. (2015). Size-dependent melting point of nanoparticles based on bond number calculation, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 17-22. DOI: 10.18280/mmep.020404 |
| 19 | Li J., Yan S., Zhou Y.H., Yang K.X. | Simulations and comparisons of D-section cylinder in the different Re flow | D-Section Cylinder, Unsteady Laminar Flow, Semi-Circular Cylinder, Computational Modeling. | 2, 4, 23-28 | 10.18280/mmep.020405 | Li J., Yan S., Zhou Y.H., Yang K.X. (2015). Simulations and comparisons of D-section cylinder in the different Re flow, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 23-28. DOI: 10.18280/mmep.020405 |
| 20 | Dou W. | Research on the three-party evolutionary game model among the government, enterprises and the society in corporate social responsibility | Social Responsibility, Evolutionary Game Model, Replicator Dynamics, Stable Strategy. | 2, 4, 29-34 | 10.18280/mmep.020406 | Dou W. (2015). Research on the three-party evolutionary game model among the government, enterprises and the society in corporate social responsibility, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 29-34. DOI: 10.18280/mmep.020406 |
| 21 | Huang Q.H. | Fixed point properties and orbit spaces | Linearly Ordered System, Orbit Space, Fixed Point. | 2, 4, 35-37 | 10.18280/mmep.020407 | Huang Q.H. (2015). Fixed point properties and orbit spaces, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 2, No. 4, pp. 35-37. DOI: 10.18280/mmep.020407 |
| 1 | Alam M.S., Islam T., Uddin M.J. | Mathematical modelling for heat transfer of a micropolar fluid along a permeable stretching/shrinking wedge with heat generation/absorption | Modelling, Hydromagnetic, Shrinking/Stretching Wedge, Heat Generation/Absorption. | 3, 1, 1-9 | 10.18280/mmep.030101 | Alam M.S., Islam T., Uddin M.J. (2016). Mathematical modelling for heat transfer of a micropolar fluid along a permeable stretching/shrinking wedge with heat generation/absorption, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 1-9. DOI: 10.18280/mmep.030101 |
| 2 | Feng Y.J. | The finite element analysis and optimization of $\phi 6000$ Disc Pelletizer's Disk | $\phi 6000$ Disc Pelletizer, Plate Body, Finite Element, Analysis, Optimization. | 3, 1, 10-18 | 10.18280/mmep.030102 | Feng Y.J. (2016). The finite element analysis and optimization of $\phi 6000$ Disc Pelletizer's Disk, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 10-18. DOI: 10.18280/mmep.030102 |
| 3 | Xia J., Xiao L., Wan L.P. | Application of random-fuzzy probability statistics method | Slope Engineering, Probability and Statistics, Membership, Weights, Fuzzy Evaluation. | 3, 1, 19-24 | 10.18280/mmep.030103 | Xia J., Xiao L., Wan L.P. (2016). Application of random-fuzzy probability statistics method, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 19-24. DOI: 10.18280/mmep.030103 |
| 4 | Hu L.J., Tang L., Pan Q., Song H., Wen P.G. | Research and analysis of PI control strategy based on neural network in power grid | Neural Network, Harmonic Wave, PI Control, Active Power Filter. | 3, 1, 25-28 | 10.18280/mmep.030104 | Hu L.J., Tang L., Pan Q., Song H., Wen P.G. (2016). Research and analysis of PI control strategy based on neural network in power grid, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 25-28. DOI: 10.18280/mmep.030104 |
| 5 | Deng Q.Z., Chen R. | Research and application of coupling system model in China's financial eco-system analysis | Coupling System Model, Financial Eco-System, Coordinated Development. | 3, 1, 29-34 | 10.18280/mmep.030105 | Deng Q.Z., Chen R. (2016). Research and application of coupling system model in China's financial eco-system analysis, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 29-34. DOI: 10.18280/mmep.030105 |
| 6 | Li Y.Z., Liu Z., Ma Z.Q. | Analog circuit based on the shock pulse method and its application in fault diagnosis of bearing | The Shock Pulse Method, Analog Circuit, Judgment Criterion of Bearing State, Fault Diagnosis. | 3, 1, 35-38 | 10.18280/mmep.030106 | Li Y.Z., Liu Z., Ma Z.Q. (2016). Analog circuit based on the shock pulse method and its application in fault diagnosis of bearing, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 35-38. DOI: 10.18280/mmep.030106 |
| 7 | Feng Y.J. | Research and development of universal mechanical CAD system based on auto CAD | Mechanical CAD, Secondary Development, 2D Graphic Entity, Drawing Settings, Dimensioning. | 3, 1, 39-46 | 10.18280/mmep.030107 | Feng Y.J. (2016). Research and development of universal mechanical CAD system based on auto CAD, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 39-46. DOI: 10.18280/mmep.030107 |
| 8 | Zhang W., Du X.Z., Yang L.J., Yang Y.P. | Research on performance of finned tube bundles of indirect air-cooled heat exchangers | Indirect Air Cooling Heat Exchanger, Four-Row Finned Tube Bundles, Flow and Heat Transfer Performance, Numerical Simulation. | 3, 1, 47-51 | 10.18280/mmep.030108 | Zhang W., Du X.Z., Yang L.J., Yang Y.P. (2016). Research on performance of finned tube bundles of indirect air-cooled heat exchangers, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 1, pp. 47-51. DOI: 10.18280/mmep.030108 |
| 9 | Tang L., Chen M.J. | Image denoising method using the gradient matching pursuit | Image Denoising, The Gradient, Matching Pursuit, Sparse Decomposition. | 3, 2, 53-56 | 10.18280/mmep.030201 | Tang L., Chen M.J. (2016). Image denoising method using the gradient matching pursuit, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 53-56. DOI: 10.18280/mmep.030201 |

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| 10 | Meng R., Zhang C.Y., Wang J.K., Li T.K., Cui Q.M. | UG8.0 in the simple application of automatic shoes-washing machine design | UG8.0, Reverse Design, The Design of Automatic Shoes-Washing Machine, Simulation, Keyshot5.0. | 3, 2, 57-62 | 10.18280/mmep.030202 | Meng R., Zhang C.Y., Wang J.K., Li T.K., Cui Q.M. (2016). UG8.0 in the simple application of automatic shoes-washing machine design, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 57-62. DOI: 10.18280/mmep.030202 |
| 11 | Wu P., Ma Q.H., Zhu J., Liang H.Y. | The review of the application of magneto-rheological fluid and engineering | MRF, Polishing, Damper, Brake. | 3, 2, 63-66 | 10.18280/mmep.030203 | Wu P., Ma Q.H., Zhu J., Liang H.Y. (2016). The review of the application of magneto-rheological fluid and engineering, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 63-66. DOI: 10.18280/mmep.030203 |
| 12 | Yang Y.X., Zhang C.Y., Huang Y.W., Guo Y.S., Xu J.Y. | The design and research of a creative automatic bouncing socket | Socket, Structure, Automatic bouncing, Convenient, Safety. | 3, 2, 67-70 | 10.18280/mmep.030204 | Yang Y.X., Zhang C.Y., Huang Y.W., Guo Y.S., Xu J.Y. (2016). The design and research of a creative automatic bouncing socket, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 67-70. DOI: 10.18280/mmep.030204 |
| 13 | Chen H. | Analysis of numerical simulation of wading landslide in Three Gorges Reservoir area based on Outang Landslide | Landslide, Seep/W Finite Element Flow Analysis Module, Slope/W Stability Analysis, Water Level. | 3, 2, 71-74 | 10.18280/mmep.030205 | Chen H. (2016). Analysis of numerical simulation of wading landslide in Three Gorges Reservoir area based on Outang Landslide, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 71-74. DOI: 10.18280/mmep.030205 |
| 14 | Huang T.Z., Zhang D.J., Zhai D.H., Ma Q.H., Sheng Y.Y. | An analysis for the body of economy power racing car based on double platform of the XFLOW and FLUENT | Economy Power Racing Car, Aerodynamics, Light Weight, Carbon Fiber Composite. | 3, 2, 75-80 | 10.18280/mmep.030206 | Huang T.Z., Zhang D.J., Zhai D.H., Ma Q.H., Sheng Y.Y. (2016). An analysis for the body of economy power racing car based on double platform of the XFLOW and FLUENT, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 75-80. DOI: 10.18280/mmep.030206 |
| 15 | Cui Y.F., Zhang Q.X., Han W.G., Zhao D.D. | Fatigue life analysis of spur gears with precise tooth profile surfaces | Plane Engagement Principle, Precise Model, The Maximum Stress Position, Fatigue Analysis. | 3, 2, 81-86 | 10.18280/mmep.030207 | Cui Y.F., Zhang Q.X., Han W.G., Zhao D.D. (2016). Fatigue life analysis of spur gears with precise tooth profile surfaces, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 81-86. DOI: 10.18280/mmep.030207 |
| 16 | Zhao F.J., Yan Q., Li B., Xie J.M. | Workspace analysis of an over-constrained 2-RPU&SPR parallel manipulator | Over-Constrained Mechanism, Workspace, Simulation Analysis. | 3, 2, 87-90 | 10.18280/mmep.030208 | Zhao F.J., Yan Q., Li B., Xie J.M. (2016). Workspace analysis of an over-constrained 2-RPU&SPR parallel manipulator, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 87-90. DOI: 10.18280/mmep.030208 |
| 17 | Zhao S., Xu Z.Y., Zhong J.C., Sun K.X. | The application of shaped charge blasting technology in open-pit mine | Shaped Charge, Broken, Large Chunk, Numerical Simulation. | 3, 2, 91-95 | 10.18280/mmep.030209 | Zhao S., Xu Z.Y., Zhong J.C., Sun K.X. (2016). The application of shaped charge blasting technology in open-pit mine, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 91-95. DOI: 10.18280/mmep.030209 |
| 18 | Zhang L., Deng K.H., Wang Z.Q. | The research on properties of high count doubling fabrics in home textiles | Doubling Yarn, Plied Yarn, Breaking Strength, Abrasion Resistance, Pilling Resistance, Air Permeability, Friction. | 3, 2, 96-100 | 10.18280/mmep.030210 | Zhang L., Deng K.H., Wang Z.Q. (2016). The research on properties of high count doubling fabrics in home textiles, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 96-100. DOI: 10.18280/mmep.030210 |
| 19 | Wang X.P. | Effect analysis of industrial structure of the border trade development in Inner Mongolia | Inner Mongolia Border Trade, Industrial Structure, Effect. | 3, 2, 101-107 | 10.18280/mmep.030211 | Wang X.P. (2016). Effect analysis of industrial structure of the border trade development in Inner Mongolia, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 101-107. DOI: 10.18280/mmep.030211 |
| 20 | Reddy A.P., Manjula S.H., Sateesha C., Bujurke N.M. | Haar wavelet approach for the solution of seventh order ordinary differential equations | Collocation Method, Haar Wavelets, Quasilinearization Technique, Seventh Order Ordinary Differential Equations. | 3, 2, 108-114 | 10.18280/mmep.030212 | Reddy A.P., Manjula S.H., Sateesha C., Bujurke N.M. (2016). Haar wavelet approach for the solution of seventh order ordinary differential equations, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 2, pp. 108-114. DOI: 10.18280/mmep.030212 |
| 21 | Liu Y.Y., Xiao N., Wen F.J. | Study of architectural shading system based on BIPV | BIPV, Photovoltaic Shading, Automatic Control. | 3, 3, 115-118 | 10.18280/mmep.030301 | Liu Y.Y., Xiao N., Wen F.J. (2016). Study of architectural shading system based on BIPV, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 115-118. DOI: 10.18280/mmep.030301 |
| 22 | Alam M.S. | Mathematical modelling for the effects of thermophoresis and heat generation/absorption on MHD convective flow along an inclined stretching sheet in the presence of Dufour-Soret effects | Modelling, Hydromagnetic, Thermophoresis, Heat and Mass Transfer, Inclined Stretching Sheet, Heat Generation/Absorption, Dufour-Soret Effects. | 3, 3, 119-128 | 10.18280/mmep.030302 | Alam M.S. (2016). Mathematical modelling for the effects of thermophoresis and heat generation/absorption on MHD convective flow along an inclined stretching sheet in the presence of Dufour-Soret effects, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 119-128. DOI: 10.18280/mmep.030302 |

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| 23 | Wang T.C., Xie Y.Z., Yan H. | Research of multi sensor information fusion technology based on extension neural network | Multi-Sensor Information Fusion, Extension Theory, Extension Neural Network, Fire Detection. | 3, 3, 129-134 | 10.18280/mmep.030303 | Wang T.C., Xie Y.Z., Yan H. (2016). Research of multi sensor information fusion technology based on extension neural network, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 129-134. DOI: 10.18280/mmep.030303 |
| 24 | Wang T.C., Xie Y.Z. | BP-GA data fusion algorithm studies oriented to smart home | Data Fusion, Smart Home, BP Neural Network, Genetic Algorithm, Wireless Sensor Network. | 3, 3, 135-140 | 10.18280/mmep.030304 | Wang T.C., Xie Y.Z. (2016). BP-GA data fusion algorithm studies oriented to smart home, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 135-140. DOI: 10.18280/mmep.030304 |
| 25 | Wang T.C., Hu X.X., Zhong S.S., Zhang Y.J. | Research on extension knowledge base system for scheme design of mechanical product | Bearing, KBS, Extension Theory, Metamodeling, Press-Fit Force Module. | 3, 3, 141-145 | 10.18280/mmep.030305 | Wang T.C., Hu X.X., Zhong S.S., Zhang Y.J. (2016). Research on extension knowledge base system for scheme design of mechanical product, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 141-145. DOI: 10.18280/mmep.030305 |
| 26 | Chen C., Sun Y.G., Dong D.S., Tian T. | Design of magnetic levitation ball control based on co-simulation of SIMULINK and ADAMS | Magnetic Levitation Ball, MATLAB/SIMULINK, ADAMS, PID Controller, Real-Time Monitoring. | 3, 3, 146-150 | 10.18280/mmep.030306 | Chen C., Sun Y.G., Dong D.S., Tian T. (2016). Design of magnetic levitation ball control based on co-simulation of SIMULINK and ADAMS, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 146-150. DOI: 10.18280/mmep.030306 |
| 27 | Wang J., Yang L., Xu Z.Z., Zhong R., Wu G.H., Zhang X.X., Li X.J., Xie Y.H., Zhu T. | Numerical simulation on underwater explosion in small-sized containers | Autodyn, Shockwave, Simulation, Underwater Explosion. | 3, 3, 151-156 | 10.18280/mmep.030307 | Wang J., Yang L., Xu Z.Z., Zhong R., Wu G.H., Zhang X.X., Li X.J., Xie Y.H., Zhu T. (2016). Numerical simulation on underwater explosion in small-sized containers, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 3, pp. 151-156. DOI: 10.18280/mmep.030307 |
| 28 | Zhang L., Zhang T.D., Gao R., Tang D.Y., Yang J.Y., Fu T.L., Zhan Z.L. | Phenol adsorption property of high specific surface areas biomass based porous carbon materials | Chinese Herb Residue, Porous Carbon, Specific Surface Area, Phenol, Adsorption. | 3, 4, 157-161 | 10.18280/mmep.030401 | Zhang L., Zhang T.D., Gao R., Tang D.Y., Yang J.Y., Fu T.L., Zhan Z.L. (2016). Phenol adsorption property of high specific surface areas biomass based porous carbon materials, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 157-161. DOI: 10.18280/mmep.030401 |
| 29 | Alam M.S. | Mathematical modelling for natural convective heat transfer of nanofluid inside a prismatic enclosure with various thermal boundary conditions | Modelling, Nanofluid, Natural Convection, Prismatic Enclosure, Finite Element Method. | 3, 4, 162-170 | 10.18280/mmep.030402 | Alam M.S. (2016). Mathematical modelling for natural convective heat transfer of nanofluid inside a prismatic enclosure with various thermal boundary conditions, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 162-170. DOI: 10.18280/mmep.030402 |
| 30 | Ma L. | Bare hands threshing stress analysis and bionics bare hand threshing device test | Bionics, Seed Corn, Stress Analysis, Test, Broken Rate, Removal Rate. | 3, 4, 171-174 | 10.18280/mmep.030403 | Ma L. (2016). Bare hands threshing stress analysis and bionics bare hand threshing device test, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 171-174. DOI: 10.18280/mmep.030403 |
| 31 | Huang Z.D., Liu X.J., Tan Y.S. | An empirical study: integrating relative coordinates with simulated annealing to solve a traveling salesman problem | Simulated Annealing Method, Traveling Salesman Problem, City's Relative Coordinates. | 3, 4, 175-178 | 10.18280/mmep.030404 | Huang Z.D., Liu X.J., Tan Y.S. (2016). An empirical study: integrating relative coordinates with simulated annealing to solve a traveling salesman problem, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 175-178. DOI: 10.18280/mmep.030404 |
| 32 | Lin H.B., Li Q., Ding R. | Simulation study on stress intensity factors of surface crack of hollow axle | Hollow Axle, Surface Crack, Stress Intensity Factor, Finite Element. | 3, 4, 179-183 | 10.18280/mmep.030405 | Lin H.B., Li Q., Ding R. (2016). Simulation study on stress intensity factors of surface crack of hollow axle, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 179-183. DOI: 10.18280/mmep.030405 |
| 33 | Liu L., Shi Y.G., Long Y., Zhao J.Z., Chen J., Cui Y.J. | Greenhouse environment inspection vehicle control system design based on ZigBee | ZigBee, Z-Stack, Data Acquisition, Button Control, Serial Port Control. | 3, 4, 184-190 | 10.18280/mmep.030406 | Liu L., Shi Y.G., Long Y., Zhao J.Z., Chen J., Cui Y.J. (2016). Greenhouse environment inspection vehicle control system design based on ZigBee, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 184-190. DOI: 10.18280/mmep.030406 |
| 34 | Mohammed B., Ali B. | Modeling the problem of contact and friction between a body elastic and rigid foundation | Mechanical Contact, Friction, Methods of Contact, Finite Elements. | 3, 4, 191-194 | 10.18280/mmep.030407 | Mohammed B., Ali B. (2016). Modeling the problem of contact and friction between a body elastic and rigid foundation, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 191-194. DOI: 10.18280/mmep.030407 |
| 35 | Seddak M., Liazid A. | The effects of using a biofuel on the performance of a marine diesel engine | Diesel Engine, CHEMKIN, Bio-Fuel. | 3, 4, 195-197 | 10.18280/mmep.030408 | Seddak M., Liazid A. (2016). The effects of using a biofuel on the performance of a marine diesel engine, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 195-197. DOI: 10.18280/mmep.030408 |

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| 36 | Rahima M., Said M. | Detection of the micro defects on the transparent optical materials by the topographic moiré | Non-Destructive Controlling, Microscopic Defects, Diffraction, Moiré Fringes, Transparent Surface. | 3, 4, 198-201 | 10.18280/mmep.030409 | Rahima M., Said M. (2016). Detection of the micro defects on the transparent optical materials by the topographic moiré, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 198-201. DOI: 10.18280/mmep.030409 |
| 37 | Ahmed B., Fouad B., Djalil B.A., Mohamed B.B., Abdelouahed T., Bedia E.A. | The thermal study of wave propagation in functionally graded material plates (FGM) based on neutral surface position | Wave Propagation, P-FGM Plate, Thermal Effects, Higher Order Theory, Neutral Surface Position. | 3, 4, 202-205 | 10.18280/mmep.030410 | Ahmed B., Fouad B., Djalil B.A., Mohamed B.B., Abdelouahed T., Bedia E.A. (2016). The thermal study of wave propagation in functionally graded material plates (FGM) based on neutral surface position, <i>Mathematical Modelling of Engineering Problems</i> , Vol. 3, No. 4, pp. 202-205. DOI: 10.18280/mmep.030410 |