

## **Smirnov Vladimir Viacheslavovich**

1. Smirnov, V. Dynamic analysis of railway track with vibration isolated booted sleepers, 2018 MATEC Web of Conferences
2. Smirnov, V.A. Reduction of dynamic loads in the transmission of vibrational energy through a foundation structure, 2018 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
3. Smirnov, V., Kuzhin, B. Optimal damper placement research, 2017 IOP Conference Series: Earth and Environmental Science
4. Smirnov, V. Verification of reinforced concrete slab model using MSC Patran/Marc, 2017 Advances and Trends in Engineering Sciences and Technologies II - Proceedings of the 2nd International Conference on Engineering Sciences and Technologies, ESaT 2016
5. Smirnov, V. The reduction of dynamic impulse loads on slabs using tuned mass dampers, 2017 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
6. Smirnov, V.A., Smolyakov, M.Yu., Tsukernikov, I.E. Performance evaluation of vibration reduction of gravel backfill, 2017 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
7. Umnyakova, N.P., Andreytseva, K.S., Smirnov, V.A. Features of the bio criterion for exposed building elements, 2017 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
8. Tsukernikov, I., Smirnov, V., Shubin, I., Umnyakova, N. Investigation of hysteresis friction in elements under complex stress state, 2016 Proceedings of the INTER-NOISE 2016 - 45th International Congress and Exposition on Noise Control Engineering: Towards a Quieter Future
9. Smirnov, V. Design of tuned mass damper for weaving machines, 2016 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
10. Umnyakova, N.P., Andreytseva, K.S., Smirnov, V.A. Heat transfer on the surface of the protruding elements of the outdoor enclosures, 2016 Izvestiya Vysshikh Uchebnykh Zavedenii, Seriya Tekhnologiya Tekstil'noi Promyshlennosti
11. Lvovich, M.V., Aleksandrovich, S.V. Application of arc-length method to calculate deflected state of the compressed strut with random initial imperfection, 2015 International Journal of Applied Engineering Research
12. Vladimir, M., Vladimir, S. Optical tables vibration isolation during precision measurements, 2015 Procedia Engineering

13. Smirnov, V., Rozovskaya, T., Semenov, V. Point-location problem for indoor daylight factor computations, 2014 Advanced Materials Research
14. Smirnov, V. Parallel integration using OpenMP and GPU to solve engineering problems, 2014 Applied Mechanics and Materials
15. Smirnov, V. Numerical modelling of nonlinear vibration isolation system free oscillations, 2014 Advanced Materials Research
16. Smirnov, V., Mondrus, V. Probability analysis of precision equipment vibration isolation system, 2014 Applied Mechanics and Materials
17. Smirnov, V., Mondrus, V. Application of energy method for determining loss factor in dynamic systems with hysteretic damping, 2014 Applied Mechanics and Materials