

STATIC AND DYNAMIC STRENGTH, STABILITY, DESTRUCTION OF AIRCRAFT AND  
MACHINE STRUCTURES

LIST OF KEY PUBLICATIONS:

The control algorithm of the aircraft fatigue tests / V. L. Prisekin, N. V. Pustovoy, G. I. Rastorguev // Applied mechanics and technical physics. – 2014. – Vol. 55, No. 1 (323). – P. 198-206.

On the small oscillations in highly deformed slender curved columns/ D. A. Krasnorutskiy, V. E. Levin, N. V. Pustovoy // Sworld. Scientific Work Collection. – 2013. – Vol. 11, Part. 1. – P. 41-47. – The theme of vol. Modern directions of theoretical and applied research–2013.

On the computation of stresses in the finite elements of deformable structures / V. E. Levin, N. V. Pustovoy // Siberian Journal of Industrial Mathematics. – 2007. – Vol. 10, No. 1 (29). – P. 120-127.

Resistance of the annular reinforced plates equivalent in weight. A. Matveev, Yu. V. Nemirovsky, N. V. Pustovoy // NSTU Scientific Bulletin. – 2001. – № 2 (11). – P. 91–100.

Calculation of stress in finite elements of deformed constructions / V. Ye. Levin, N. V. Pustovoy // Journal of Applied and Industrial Mathematics. – 2009. – Vol. 3, № 2. – P. 259–266.

Influence of the suspension system on the accuracy of the aircraft modal testing results / V. A. Berns, A. V. Dolgoplov, E. P. Zhukov, D. A. Marinin // Academician S. P. Korolev Samara State Aerospace University Bulletin. (national research university). - 2016. – Vol. 15, No. 1. – P. 18-27. - DOI: 10.18287/2412-7329-2016-15-1-18-27. 3-46-31-21