



Professor Ekaterina Yu. Krylova

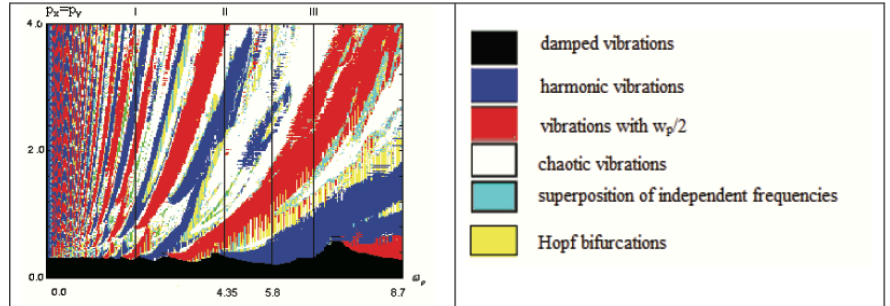


Figure 2 – Chart of the character of plate vibrations

From: J. Awrejcewicz, E.Yu. Krylova, I.V. Papkova and V.A. Krysko, “Regular and chaotic dynamics of flexible plates”, *Shock and Vibration*, Vol. 2014, Article ID 937967, 8 pages, <http://dx.doi.org/10.1155/2014/937967>

See:

https://www.researchgate.net/profile/Ekaterina_Krylova

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Selected Publications:

J. Awrejcewicz, I.V. Papkova, E.Yu. Krylova and V.A. Krysko, “On the application of Fourier analysis to regular and chaotic dynamics of rectangular flexible plates subjected to shear-harmonic loading”, paper from unidentified conference in the pdf file, June 2011, <https://www.researchgate.net/publication/268814994>

Awrejcewicz, J.; Krylova, E.Yu.; Papkova, I.V.; Krysko, V.A. Wavelet-based analysis of the regular and chaotic dynamics of rectangular flexible plates subjected to shear-harmonic loading. *Shock Vib.* 2012, 19, 979–994

J. Awrejcewicz, A.V. Krysko, E.Yu. Krylova, I.V. Papkova and V.A. Krysko, “Chaotic parametric vibrations of flexible shells”, paper from unidentified conference in the pdf file, December 2013

J. Awrejcewicz, V.A. Krysko, I.V. Papkova, T.F. Yakovleva, N.A. Zagniboroda, M.V. Zhigalov, A.V. Krysko, V. Dobriyan, E. Yu. Krylova and S.A. Mitskievich, “Application of the Lyapunov exponents and wavelets to study and control of plates and shells”, Chapter 1 in an unidentified book in the pdf file, January 2014, <http://dx.doi.org/10.5772/57452>

J. Awrejcewicz, A.V. Krysko, V.A. Krysko, E. Yu. Krylova, S.A. Mitskievich, I.V. Papkova, T.V. Yakovleva, V.M. Zakharov and V. Dobriyan, “Turbulent phenomena in flexible plates and shells”, Unidentified chapter in unidentified book in the pdf file, January 2014, DOI: 10.1007/978-3-319-08266-0_5

J. Awrejcewicz, E.Yu. Krylova, I.V. Papkova and V.A. Krysko, “Regular and chaotic dynamics of flexible plates”, *Shock and Vibration*, Vol. 2014, Article ID 937967, 8 pages, <http://dx.doi.org/10.1155/2014/937967>

V.A. Krysko, J. Awrejcewicz, E. Yu Krylova, I.V. Papkova and A.V. Krysko, “Non-symmetric forms of non-linear vibrations of flexible cylindrical panels and plates under longitudinal load and additive white noise”, *Journal of Sound and Vibration*, Vol. 423, pp 212–229, June 2018