

LIST OF PUBLICATIONS

A) books

1. E. Barkanov. Introduction to the Finite Element Method. Textbook. – Riga: RTU Publishing House, 2002, 72 p.
2. J. Barkanovs. Ievads galīgo elementu metodē, 1. sējums. Mācību grāmata. – Rīga: RTU Izdevniecība, 2013. 94 lpp.
E. Barkanov. Introduction into the Finite Element Method, volume 1. Textbook. – Riga: RTU Publishing House, 2013. 94 p. (in Latvian).
3. J. Barkanovs. Ievads galīgo elementu metodē, 2. sējums. Mācību grāmata. – Rīga: RTU Izdevniecība, 2013. 173 lpp.
E. Barkanov. Introduction into the Finite Element Method, volume 2. Textbook. – Riga: RTU Publishing House, 2013. 173 p. (in Latvian).
4. Innovative Solutions in Repair of Gas and Oil Pipelines, Eds. E. Barkanov, M. Mihovski, V. Sergienko. – Bulgarian Society for Non-destructive Testing Publishers, Sofia, 2016, 260 p.

B) articles in journals / contributions to books

1. Глухих С. А., Барканов Е. Н., Чате А. К. (1990): Программный комплекс РАФ” для прочностных расчётов кузова микроавтобуса. Системы автоматизированного проектирования в машиностроении. Сборник научных трудов. Ред. Зарс В. В., Арайс Е. А., Рудзитис Я. А. (Рига: Рижский техн. унив.), 57-61.
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3. Рикардс Р. Б., Барканов Е. Н. (1991): Определение динамических характеристик вибропоглощающих покрытий методом конечных элементов. Механика композитных материалов **№ 5**, 823-830.
Rikards R. B. and Barkanov E. N. (1991): Dynamic Analysis of Damping Coatings by the Finite Element Method. Mechanics of Composite Materials **No. 5**, 823-830 (in Russian).
4. Rikards R. B. and Barkanov E. N. (1991): Determination of the Dynamic Characteristics of Vibration-Absorbing Coatings by the Finite-Element Method. Mechanics of Composite Materials **No. 5**, 529-535 (translated from Russian).
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 7. Барканов Е. Н. (1993): Моделирование демпфированных колебаний слоистых конструкций. Системы автоматизированного проектирования в машиностроении. Сборник научных трудов. Ред. Зарс В. В., Арайс Е. А. (Рига: Рижский техн. унив.), 46-56.
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