Перелік публікацій Данішевського В.В.

Монографії

1. Andrianov I.V., Awrejcewicz J., Danishevskyy V.V. Asymptotical Mechanics of Composites. Modelling Composites without FEM. – New York, Berlin Heidelberg: Springer, 2018. – 329 pp.
2. Andrianov I.V., Awrejcewicz J., Danishevs'kyy V.V., Ivankov A.O. Asymptotic Methods in the Theory of Plates with Mixed Boundary Conditions. – Chichester, West Sussex: Wiley, 2014. – 272 pp.
3. Андрианов И.В., Данишевский В.В., Иванков А.О. Асимптотические методы в теории колебаний балок и пластин. – Днепропетровск: Приднепровская государственная академия строительства и архитектуры, 2010. – 216 с.
4. Большаков В.И., Андрианов И.В., Данишевский В.В. Асимптотические методы расчета композитных материалов с учетом внутренней структуры. – Днепропетровск: «Пороги», 2008. – 196 с.

Статті у міжнародних журналах та фахових виданнях

5. Andrianov I.V., Danishevskyy V.V., Rogerson G. Elastic waves in periodically heterogeneous two-dimensional media: locally periodic and anti-periodic modes // Proceedings of the Royal Society A. – 2018, in press.
6. Colquitt D.J., Danishevskyy V.V., Kaplunov J. Composite dynamic models for periodically heterogeneous media // Mathematics and Mechanics of Solids. – 2018, on-line first (doi:10.1177/1081286518776704)
7. Andrianov I.V., Danishevskyy V.V., Rogerson G. Internal resonances and modes interactions in non-linear vibrations of viscoelastic heterogeneous solids // Journal of Sound and Vibration. – 2018. – V.433. – P.55–64.
8. Andrianov I.V., Danishevskyy V.V., Topol H., A.S. Luyt. Shear wave propagation in layered composites with degraded matrices at locations of imperfect bonding // Wave Motion. – 2018. – V.78. – P.9–31.
9. Andrianov I.V., Topol H., Danishevskyy V.V. Asymptotic analysis of heat transfer in composite materials with nonlinear thermal properties // International Journal of Heat and Mass Transfer. – 2017. – V.111. – P.736–754.
10. Andrianov I.V., Awrejcewicz J., Danishevskyy V.V., Markert B. Influence of geometric and physical nonlinearities on the internal resonances of a finite continuous rod with a microstructure // Journal of Sound and Vibration. – 2017. – V.386. – P.359–371.
11. Andrianov I.V., Danishevskyy V.V., Topol H., Rogerson G. Propagation of Floquet–Bloch shear waves in viscoelastic composites: analysis and comparison of interface/interphase models for imperfect bonding // Acta Mechanica. – 2017. – V.228, 1177–1196.
12. Danishevskyy V.V., Kaplunov J.D., Rogerson G.A. Anti-plane shear waves in a fibre-reinforced composite with a non-linear imperfect interface // International Journal of Non-Linear Mechanics. – 2015. – V.76. – P.223–232.
13. Andrianov I.V., Danishevskyy V.V., Markert B. Nonlinear vibrations and mode interactions for a continuous rod with microstructure // Journal of Sound and Vibration. – 2015. – V.351. – P.268–281.
14. Сєдін В.Л., Данішевський В.В., Бікус К.М., Ковба В.В. Асимптотичний метод для оцінювання напружено-деформованого стану основ пальових фундаментів // Вісник Придніпровської державної академії будівництва та архітектури. – 2015. – №2. – С.10–19.
15. Данішевський В.В., Савицький М.В., Юрченко Є.Л. Енергетичні показники малоповерхового житлового будинку з матеріалів органічного походження // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2015. –Вып.81. –С.85–92.

16. Andrianov I.V., Danishevskyy V.V., Kushnierov Ie.A. Spatial localization of linear elastic waves in composite materials with defects // Zeitschrift für Angewandte Mathematik und Mechanik. – 2014. – V.94. – P.1001–1010.

17. Andrianov I.V., Danishevskyy V.V., Ryzhkov O.I., Weichert D. Numerical study of formation of solitary strain waves in a nonlinear elastic layered composite material // Wave Motion. – 2014. – V.51. – P.405–417.

18. Andrianov I.V., Danishevskyy V.V., Awrejcewicz J. Shear waves dispersion in cylindrically structured cancellous viscoelastic bones. In: Awrejcewicz J. (Ed.) Applied Non-Linear Dynamical Systems. Springer Proceedings in Mathematics & Statistics. – 2014. – V.93. – P.85–101.

19. Данишевский В.В., Кушнеров Е.А. Распространение упругих плоских волн в волокнисто-армированном композитном материале // Проблеми обчислювальної механіки і міцності конструкцій. – 2014. – Вип.22. – С.96–104.

20. Данишевский В.В., Рыжков А.И. Нелинейные волны деформации в волокнистом композиционном материале в случае неидеального контакта между компонентами // Вісник Придніпровської державної академії будівництва та архітектури. – 2014. – №3. – С.10–18.

21. Andrianov I., Danishevskyy V., Ryzhkov O., Weichert D. Dynamic homogenization and wave propagation in a nonlinear 1D composite material // Wave Motion. – 2013. – V.50. – P.271–281.

22. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Vibration localization in one-dimensional linear and nonlinear lattices: discrete and continuum models // Nonlinear Dynamics. – 2013. – V.72. – P.37–48.

23. Andrianov I.V., Danishevskyy V.V., Awrejcewicz J., Markert B. Spatial localization of waves in nonlinear composite materials // In: Awrejcewicz J., Kazmierczak M., Olejnik P., Mrozowski J. (Eds.) Dynamical Systems Theory. – Lodz: Wydawnictwo Politechniki Lodzkiej. – 2013. – P.27–34.

24. Danishevskyy V., Ryzhkov O. Numerical study of solitary strain waves in a nonlinear elastic one-dimensional composite material // Theoretical Foundations of Civil Engineering. – 2013. – V.21. – P.61–68.

25. Ткачева В., Дудкин К., Данишевский В. Расчет теплового и гидравлического режима при проектировании многоконтурных трубчатых газовых нагревателей // Theoretical Foundations of Civil Engineering. – 2013. – V.21. – P.531–536.

26. Savitskyi N., Amir Morteza Alani, Danishevskyy V., Nikiforova T., Grossman S., Kotov N. Progressive collapse resistance of high-rise reinforced concrete buildings // Строительство, материаловедение, машиностроение: Сб. научн. трудов. – Днепропетровск: ПГАСиА. – 2013. – Вып.68. – С.306–315.

27. Porubov A.V., Andrianov I.V., Danishevskyy V.V. Nonlinear strain wave localization in periodic composites // International Journal of Solids and Structures. – 2012. – V.49. – P.3381–3387.

28. Andrianov I.V., Danishevskyy V.V., Kholod E.G. Homogenization of viscoelastic composites with fibres of diamond-shaped cross-section // Acta Mechanica. – 2012. – V.223. – P.1093–1100.

29. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Asymptotic analysis of perforated plates and membranes. Part 2: Static and dynamic problems for large holes // International Journal of Solids and Structures. − 2012. – V.49. – P.311–317.

30. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Asymptotic analysis of perforated plates and membranes. Part 1: Static problems for small holes // International Journal of Solids and Structures. − 2012. – V.49. – P.298–310.

31. Andrianov I.V., Danishevskyy V.V., Weichert D. Homogenization of viscoelastic-matrix fibrous composites with square-lattice reinforcement // Archive of Applied Mechanics. – 2011. – V.81. – P.1903–1913.

32. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Homogenization of a 1D nonlinear dynamical problem for periodic composites // Zeitschrift für Angewandte Mathematik und Mechanik. – 2011. – V.91. – P.523–534.

33. Andrianov I.V., Awrejcewicz J., Danishevskyy V.V., Weichert D. Wave propagation in periodic composites: higher-order asymptotic analysis versus plane-wave expansions method // Journal of Computational and Nonlinear Dynamics. – 2011. – V.6. – P.011015 (8 pages).

34. Andrianov I.V., Danishevskyy V.V., Weichert D. Boundary layers in fibrous composite materials // Acta Mechanica. − 2011. – V.216. – P.3–15.

35. Андрианов И.В., Данишевский В.В. Упрощенные уравнения нелинейной динамики круговых цилиндрических оболочек // Вестник Санкт-Петербургского университета. – 2011. – Сер. 1, Вып. 1. – С. 17–21.

36. Данишевский В.В., Андрианов И.В., Рыжков А.И., Вайхерт Д. Использование уточненных континуальных моделей для оценки влияния эффекта дискретности на кинки // Theoretical Foundations of Civil Engineering. – 2011. – V.19. – P.47–54.

37. Данишевский В.В., Андрианов И.В., Кушнеров Е. Локализация колебаний в одномерных цепочках связанных масс // Theoretical Foundations of Civil Engineering. – 2011. – V.19. – P.39–46.

38. Андрианов И.В., Данишевский В.В., Хорсева Л.. Простая формула для оценки потери устойчивости волокна в матрице // Theoretical Foundations of Civil Engineering. – 2011. – V.19. – P.17–20.

39. Савицкий Н.В., Данишевский В.В., Калга И.П. Энергоэффективные системы отопления жилого дома на основе солнечных коллекторов и тепловых насосов // Строительство, материаловедение, машиностроение: Сб. научн. трудов. – Днепропетровск: ПГАСиА. – 2011. – Вып.58. – С.596–603.

40. Andrianov I.V., Danishevskyy V.V., Weichert D. Continuous model of 2D discrete media based on composite equations // Acoustical Physics. – 2010. – V.56. – P.807–810.

41. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Analysis of the effective conductivity of composite materials in the entire range of volume fractions of inclusions up to the percolation threshold // Composites: Part B. −2010. –V.41. –P.503–507.

42. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Asymptotic study of imperfect interfaces in conduction through a granular composite material // Proc. R. Soc. A. −2010. –V.466. –P.2707–2725.

43. Andrianov I.V., Danishevskyy V.V., Weichert D. Load-transfer from fibres to a transversally isotropic layer for non-dilute composites // Acta Mechanica. –2010. −V.212. −P.115−122.

44. Андрианов И.В., Данишевский В.В. Асимптотический метод осреднения высшего порядка и динамические свойства композитных материалов // Вісник Придніпровської державної академії будівництва та архітектури. −2010. −№ 6. −С.31−43.

45. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Nonlinear deformation and failure of fibre composites for the non-dilute case // Theoretical Foundations of Civil Engineering. – 2010. – V.18. – P.27–38.

46. Andrianov I.V., Danishevskyy V.V., Khorseva I. Continuous model of 2D discrete media based on composite equations // Theoretical Foundations of Civil Engineering. – 2010. – V.18. – P.39–44.

47. Большаков В.И., Данишевский В.В., Кушнеров Е.А. Теплотехническое моделирование вертикальных грунтовых коллекторов тепловых насосов методом конечных разностей // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2010. –Вып.53. –С.85–99.

48. Данишевский В.В. Асимптотическое моделирование теплопроводности в зернистом композите с учетом неидеального контакта между компонентами // Прикладная механика. –2009. −Т.45. −№10. −С.23−32.

49. Kalamkarov A.L., Andrianov I.V., Danishevskyy V.V. Asymptotic homogenization of composite materials and structures // Appl. Mech. Rev. –2009. –V.62. –P. 030802-1 – 030802-20.

50. Bolshakov V.I., Danishevskyy V.V., Ryzhkov O.I., Stoffel M. Shear waves dispersion in cylindrically structured cancellous bones // Theoretical Foundations of Civil Engineering. –2009. –V.17. –P.43–50.

51. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Asymptotic study of low- and high-conducting interfaces in a granular composite material // Theoretical Foundations of Civil Engineering. –2008. –V.16. –P.49–60.

52. Bolshakov V.I., Danishevskyy V.V., Weichert D. Propagation of elastic waves in periodic composite structures // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2008. –Вып.45, ч.1. –С.31–39.

53. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Higher-order asymptotic homogenization and wave propagation in periodic composite materials // Proc. R. Soc. A. –2008. –V.464. –P.1181–1201.

54. Andrianov I.V., Danishevskyy V.V., Weichert D. Simple estimations on effective transport properties of a random composite material with cylindrical fibres // ZAMP. –2008. –V.59. –P.889–903.

55. Andrianov I.V., Danishevskyy V.V., Weichert D. Load-transfer from a fibre to an anisotropic half-space for dilute composites // Acta Mechanica. –2008. –V.200. –P.69–78.

56. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Micromechanical analysis of fiber-reinforced composites on account of influence of fiber coatings // Composites: Part B. –2008. –V.39. –P.874–881.

57. Danishevskyy V.V., Guillet A., Pareige P., Weichert D. An analytical approach to the plastic flow of a bimetallic mono-filamentary wire through a conical die // Mechanics of Materials. –2008. –V.40. –P.284–292.

58. Andrianov I.V., Danishevskyy V.V., Weichert D. Analytical study of the load transfer in fibre-reinforced 2D composite materials // International Journal of Solids and Structures. –2008. –V.45. –P.1217–1243.

59. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Asymptotic simulation of imperfect bonding in periodic fibre-reinforced composite materials under axial shear // International Journal of Mechanical Sciences. –2007. –V.49. –P.1344–1354.

60. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Study of wave dispersion in periodic composites by higher-order asymptotic homogenization method // Proc. Appl. Math. Mech. –2007. –V.7. –P.1090403–1090404.

61. Данішевський В.В., Маштяр В.М., Крадожон І.В. Застосування методу скінчених різниць до моделювання стаціонарних процесів теплопровідності // Вісник Придніпровської державної академії будівництва та архітектури. –Дніпропетровськ: ПДАБА. –2007. —№10. –С.37–45.

62. Danishevskyy V.V. Anti-plane shear waves in a square lattice of cylinders: study of dispersion and phononic band gaps // Theoretical Foundations of Civil Engineering. –2007. –V.15. –P.103-110.

63. Andrianov I.V., Danishevskyy V.V. Load-transfer to an orthotropic fibre-reinforced composite strip via an elastic element // Technische Mechanik. –2007. –V.27, No.1. –P.28–36.

64. Большаков В.И., Данишевский В.В. Асимптотическое моделирование теплопроводности в зернисто-армированном композитном материале // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2007. –Вып.41, ч.2. –С.33–39.

65. Andrianov I.V., Danishevskyy V.V., Weichert D. Fibrous composite with a weak interface // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2007. –Вып.41, ч.1. –С.34–40.

66. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Asymptotic justification of the three-phase composite model // Composite Structures. –2007. –V.77, No.3. –P.395-404.

67. Danishevskyy V.V. Higher-order homogenization of a dynamic problem for a laminated composite material // Theoretical Foundations of Civil Engineering. –2006. –V.14. –P.543-550.

68. Большаков В.И., Данишевский В.В. Асимптотическая методика расчета волокнисто-армированных композитов при продольном сдвиге с учетом микромеханического влияния покрытий // Матеріалознавство та термічна обробка металів. Науков. та інформ. бюл. –Дніпропетровськ: ПДАБА. –2006. –№2. –С.7–18.

69. Bolshakov V.I., Danishevskyy V.V. Effective shear modulus and microscopic stresses in a fibre-reinforced composite material with interphases // Строительство, материаловедение, машиностроение: Сб. научн. трудов. –Днепропетровск: ПГАСиА. –2006. –Вып.36, ч.3. –С.167–173.

70. Danishevskyy V.V. Asymptotic micro scale simulation of heat conduction through the hexagonal array of cylindrical fibres // Theoretical Foundations of Civil Engineering. –2005. –V.13. –P.113-118.

71. Andrianov I.V., Danishevskyy V.V., Guillet A., Pareige P. Effective properties and micro-mechanical response of filamentary composite wires under longitudinal shear // European Journal of Mechanics A/Solids. –2005. –V.24. –P.195-206.

72. Andrianov I.V., Danishevskyy V.V., Awrejcewicz J. An artificial small perturbation parameter and nonlinear plate vibrations // Journal of Sound and Vibrations. –2005. –V.283. –P.561-571.

73. Danishevskyy V.V., Guillet A., Pareige P., Weichert D. An analytical approach to the cold drawing of bimetallic wires through conical dies // Theoretical Foundations of Civil Engineering. –2004. –V.12. –P.643-650.

74. Данишевский В.В., Чесанов Л.Г. Асимптотическая методика определения теплофизических характеристик композитных материалов // Вісник Придніпровської державної академії будівництва та архітектури. –2003. –№ 7. –С.31-36.

75. Andrianov I.V., Danishevskyy V.V., Tokarzewski S. Asymptotic simulation of imperfect interfacial bonding in a fibre-reinforced composite under longitudinal shear deformation // Theoretical Foundations of Civil Engineering. –2003. –V.11. –P.19-26.

76. Andrianov I.V., Danishevskyy V.V., Weichert D. Asymptotic determination of effective elastic properties of composite materials with fibrous square-shaped inclusions // European Journal of Mechanics A/Solids. –2002. V.21. –P.1019-1036.

77. Andrianov I.V., Danishevskyy V.V., Kalamkarov A.L. Asymptotic analysis of effective conductivity of composite materials with large rhombic fibers // Composite Structures. –2002. –V.56, No.3. –P.229-234.

78. Andrianov I.V., Danishevskyy V.V. Asymptotic approach for non-linear periodical vibrations of continuous structures // Journal of Sound and Vibrations. –2002. –V.249, No.3. –P.465-481.

79. Andrianov I.V., Danishevskyy V.V., Tokarzewski S., Horseva L., Seferovskyy Yu. Effective plane shear modulus of a composite material with fibrous square-shaped inclusions // Theoretical Foundations of Civil Engineering. –2002. –V.10. –P.535-542.

80. Tokarzewski S., Galka A., Andrianov I., Danishevskyy V. Parametric inclusion regions for transport coefficients of two-phase media // Theoretical Foundations of Civil Engineering. –2002. –V.10. –P.465-470.

81. Tokarzewski S., Andrianov I., Danishevskyy V., Starushenko G. Analytical continuation of asymptotic expansions of effective transport coefficients by Padé approximants // Nonlinear Analysis. –2001. –V.47. –P.2283-2292.

82. Tokarzewski S., Andrianov I., Danishevskyy V. Parametric complex bounds on effective transport coefficients of two-phase media // Theoretical Foundations of Civil Engineering. –2001. –V.9. –P.433-440.

83. Андрианов И.В., Данишевский В.В., Старушенко Г.А., Токажевский С. Асимптотическое представление эффективной теплопроводности композитного материала с волокнистыми включениями ромбовидной формы // Механика твердого тела. -2000. -№ 4. -С.87-98.

84. Andrianov I., Danishevskyy V., Tokarzewski S. Quasifractional approximants in the theory of composite materials // Acta Applicandae Mathematicae. -2000. -V.61. -P.29-35.

85. Andrianov I., Danishevskyy V., Tokarzewski S. The method of quasifractional approximants in applications to mechanical problems // Theoretical Foundations of Civil Engineering. -2000. -V.8. -P.371-376.

86. Andrianov I., Danishevskyy V., Tokarzewski S. Quasifractional approximants for effective conductivity of regular arrays of spheres // Archives of Mechanics. –2000. –No.2. –P.319-327.

87. Andrianov I., Starushenko G., Danishevskyy V., Tokarzewski S. Homogenization procedure and Padé approximants for effective heat conductivity of composite materials with cylindrical inclusions having square cross section // Proc. R. Soc. Lond. A. –1999. –V.455. –P.3401-3413.

88. Tokarzewski S., Galka A., Andrianov I., Danishevskyy V. Padé bounds on temperature-dependent conductivities of heterogeneous materials // Theoretical Foundations of Civil Engineering. –1999. –V.7. –P.412-427.

89. Андрианов И.В., Данишевский В.В., Токаржевский С., Сеферовский Ю.В. Эффективный коэффициент Пуассона композитного материала с волокнистыми включениями квадратного поперечного сечения // Theoretical Foundations of Civil Engineering. –1999. –V.7. –P.16-20.

90. Андрианов И.В., Старушенко Г.А., Данишевский В.В. Асимптотическое определение эффективного коэффициента теплопроводности свайного поля // Основания, фундаменты и механика грунтов. –1999. -№1. –С.26-29.

91. Андрианов И. В., Старушенко Г. А., Данишевский В. В. Асимптотическое представление эффективного коэффициента теплопроводности композитного материала с волокнистыми включениями ромбовидной формы большого размера // Збірник наукових праць Дніпропетровского державного університету "Диференціальні рівняння та їх застосування". -Дніпропетровськ: видавництво Дніпропетровского державного університету. –1998. -С.46-52.

92. Данишевский В. Эффективный модуль сдвига композитного материала с волокнистыми включениями ромбовидного поперечного сечения: асимптотический подход // Сборник научных трудов Приднепровской государственной академии строительства и архитектуры. Выпуск 2. Часть 2. – Днепропетровск: ПГАСиА. -1997. - С. 68-71.

93. Andrianov I., Danishevskyy V., Tokarzewski S. Two - point quasifractional approximants for effective conductivity of a simple cubic lattice of spheres // Int. J. Heat Mass Transfer. - 1996. - V. 39. - P. 2349-2352.

94. Andrianov I. V., Danishevskyy V V. Asymptotic investigation of the nonlinear dynamic boundary value problem for rods // Technische Mechanik. - 1995. - V. 15, No. 1. - P. 53-55.

95. Андріанов І. В., Данішевський В. В. Визначення ефективного коефіцієнту теплопровідності ізотропного середовища за допомогою двохточкових апроксимацій Паде // Збірник наукових праць Дніпропетровського інженерно-будівельного інституту "Інтенсифікація будівництва". - К.: Інститут системних досліджень МО України, 1994. - С. 20-25.

Статті у збірниках наукових праць конференцій

96. Danishevskyy V.V., Kaplunov J.D., Rogerson G.A., Kotov N.A. Non-linear elastic waves in a fibre-reinforced composite with an imperfect interface. In: Awrejcewicz J., Kazmierczak M., Mrozowski J., Olejnik P. (Eds.) Dynamical Systems. Control and Stability. Proceedings of the 13th International Conference "Dynamical Systems: Theory and Applications". – Lodz (Poland). – 2015. – P.139–148.

97. Andrianov I.V., Awrejcewicz J., Danishevskyy V.V., Markert B. Internal resonances in non-linear vibrations of a continuous rod with microstructure. In: Awrejcewicz J., Kazmierczak M., Mrozowski J., Olejnik P. (Eds.) Dynamical Systems. Control and Stability. Proceedings of the 13th International Conference "Dynamical Systems: Theory and Applications". – Lodz (Poland). – 2015. – P.19–28.

98. Weichert D., Andrianov I.V., Danishevskyy V.V. Asymptotic homogenization and nonlinear elastic waves in periodic composite materials // Proceedings of the 11th International Conference "Dynamical Systems: Theory and Applications" (Eds. J. Awrejcewicz, M. Kazmierczak, P. Olejnik, J. Mrozowski). – Lodz (Poland). – 2011. – P. 31–36.

99. Andrianov I.V., Danishevskyy V.V., Ryzhkov O., Stoffel M. Shear waves dispersion in cylindrically structured cancellous viscoelastic bones // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Halkidiki (Greece). AIP Conference Proceedings. – 2011. – V.1389. – P. 446–450.

100. Andrianov I.V., Danishevskyy V.V., Weichert D., Topol H. Nonlinear elastic waves in a 1D layered composite material: some numerical results // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Halkidiki (Greece). AIP Conference Proceedings. – 2011. – V.1389. – P. 438–441.

101. Andrianov I.V., Danishevskyy V.V., Ryzhkov O.I., Weichert D. Asymptotic homogenization and elastic waves in a nonlinear composite material // Proceedings of the 7th European Nonlinear Dynamics Conference (Eds. D. Bernardini, G. Rega, F. Romeo). – Rome (Italy). – 2011 (2 pages).

102. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Localization of nonlinear elastic waves in 1D periodic composite material // Proceedings of the 7th European Nonlinear Dynamics Conference (Eds. D. Bernardini, G. Rega, F. Romeo). – Rome (Italy). – 2011 (2 pages).

103. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Nonlinear dynamic properties of layered composite materials // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Rhodes (Greece). AIP Conference Proceedings. – 2010. – V.1281. – P. 821–824.

104. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Approximate approach for nonlinear deformation and failure of fibre composites // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Rhodes (Greece). AIP Conference Proceedings. – 2010. – V.1281. – P. 825–828.

105. Andrianov I.V., Danishevskyy V.V., Kirichek O.U. Effective properties of viscoelastic fibre composites // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Rhodes (Greece). AIP Conference Proceedings. – 2010. – V.1281. – P. 829–832.

106. Andrianov I.V., Danishevskyy V.V., Ryzhkov A.I., Topol H. Nonlinear elastic waves and dynamic properties of a layered composite material // In: Bolshakov V.I., Weichert D. (Eds.) Advanced Problems in Mechanics of Heterogeneous Media and Thin-Walled Structures. – Dnipropetrovsk: ENEM. – 2010. – P. 19–38.

107. Andrianov I.V., Danishevskyy V.V., Topol H. Asymptotic homogenization for periodic composite materials with imperfect bonding conditions // In: Bolshakov V.I., Weichert D. (Eds.) Advanced Problems in Mechanics of Heterogeneous Media and Thin-Walled Structures. – Dnipropetrovsk: ENEM. – 2010. – P. 39–46.

108. Bolshakov V.I., Andrianov I.V., Danishevskyy V.V., Weichert D. Homogenization of viscoelastic fibre-reinforced composite materials // In: Bolshakov V.I., Weichert D. (Eds.) Advanced Problems in Mechanics of Heterogeneous Media and Thin-Walled Structures. – Dnipropetrovsk: ENEM. – 2010. – P. 59–77.

109. Andrianov I.V., Danishevskyy V.V., Topol H., Weichert D. Shear waves dispersion in viscoelastic composite with elastic parallelpiped inclusions // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Crete (Greece). AIP Conference Proceedings. – 2009. – V.1168. – P.848–851.

110. Andrianov I.V., Danishevskyy V.V., Weichert D. Boundary layers in fibre composite materials // Proceedings of the International Conference on Numerical Analysis and Applied Mathematics. – Crete (Greece). AIP Conference Proceedings. – 2009. – V.1168. – P.852–854.

111. Bolshakov V.I., Danishevskyy V.V., Ryzhkov O.I., Stoffel M. Dispersion of shear waves in viscoelastic cancellous bones // Proceedings of the 7th EUROMECH Solid Mechanics Conference. – Lisbon (Portugal). – 2009. (електронна публікація на CD-ROM, 9 стор.)

112. Андрианов И.В., Данишевский В.В. Формулы для эффективной проводимости волокнистых и зернистых композитов, пригодные во всем диаазоне объемной доли включений // Proceedings of the International Conference "Nonlinear Phenomena in Polymer Solids and Low-Dimensional Systems". –Moscow (Russia). –2008. –P.40–47.

113. Andrianov I.V., Danishevskyy V.V., Weichert D. Transport properties of a random composite material with cylindrical fibres // Proceedings of the 21st Canadian Congress of Applied Mechanics. –Toronto (Canada). –2007. –P.380–381.

114. Bolshakov V.I., Danishevskyy V.V. Asymptotic multiscale modelling of heat conduction in fibre-reinforced composite materials with imperfect bonding // Proceedings of AFES2006 Forum "Aims for Future of Engineering Science". –Davos (Switzerland). –2006. –P.97–107.

115. Andrianov I., Danishevskyy V. Nonlinear vibrations of a membrane // Proceedings of the Fifth EUROMECH Nonlinear Dynamics Conference (Eds. D.H. Van Campen, M.D. Lazurko, W.P.J.M. van den Oever). –Eindhoven (The Netherlands). –2005. –P.2376–2378.

116. Andrianov I., Danishevskyy V., Weichert D. Asymptotic study of imperfect interfacial bonding in periodic composite materials // In: Gutkowski W., Kowalewski T.A. (Eds.) Mechanics of the 21st Century. Proceedings of the 21st International Congress of Theoretical and Applied Mechanics,

Warsaw, Poland, 15–21 August 2004. –2005. – Dordrecht: Springer. –SM13_12588 (електронна публікація на CD-ROM).

117. Andrianov I.V., Danishevskyy V.V. Nonlinear normal modes in the theory of shells oscillations // Proceedings of EUROMECH Colloquium 457 "Nonlinear Modes of Vibrating Systems" (edited by S. Bellizzi, B. Cochelin, C.-H. Lamarque). –Fréjus (France). –2004. –P.161-162.

118. Andrianov I., Danishevskyy V., Weichert D. (2003) Asymptotic evaluation of effective complex moduli of fibre-reinforced visco-elastic composite materials // Proceedings of Applied Mathematics and Mechanics. –2003. –V.2. –P.154–155.

119. Andrianov I., Danishevskyy V. Multi-modes free vibrations of nonlinear continuous structures // Proceedings of the 6th Conference on Dynamical Systems: Theory and Applications. –Lodz (Poland). –2001. –P.139-146.

120. Andrianov I., Danishevskyy V., Tokarzewski S. An asymptotic method for effective properties of visco-elastic composite materials // Proceedings of the GAMM'99 Conference. -Metz (France). Zeitschrift fur Angewandte Mathematik und Mechanik. -2000. -V.80. -Sup.2 . -P.S371-S372.

121. Andrianov I., Danishevskyy V., Kostyrko V. Asymptotic "small δ method" for nonlinear oscillations of continuous systems // Proceedings of the International Conference on Advanced Problems in Vibration: Theory and Applications. -Xi'an (China). -2000. -P.788-791.

122. Andrianov I., Zarubinskaya M., Danishevskyy V., Kirichek U. Asymptotic approaches in nonlinear dynamics of the reinforced strip // Proceedings of the 5th Conference on Dynamical Systems. Theory and Applications. –Lodz (Poland). –1999. –P.77-82.

123. Андрианов И. В., Данишевский В. В., Токажевский С. Асимптотическое представление эффективных вязкоупругих сдвиговых характеристик периодически микронеоднородного композитного материала с волокнистыми включениями ромбовидной формы // Proceedings of the 6th Polish-Ukrainian seminar «Theoretical Foundations of Civil Engineering». – Warsaw (Poland). – 1998. – P. 386-392.

124. Tokarzewski S., Andrianov I., Danishevskyy V. Dynamiczne moduly skretne pretow sprezystych porami wypelnionymi ciecza lepka // Proceedings of the 6th Polish-Ukrainian seminar «Theoretical Foundations of Civil Engineering». – Warsaw (Poland). – 1998. –P.393-398.

125. Данишевский В. В. Асимптотическое исследование квазилинейных колебаний непрерывных систем конечных размеров // Proceedings of the 5th Ukrainian-Polish seminar «Theoretical Foundations of Civil Engineering». –Dnipropetrovsk-Warsaw. –1997. –P.47-52.

126. Tokarzewski S., Andrianov I., Danishevskyy V. The investigation of a complex conductivity of regular arrays of spheres // Proceedings of the 5th Ukrainian-Polish seminar «Theoretical Foundations of Civil Engineering». –Dnipropetrovsk-Warsaw. –1997. –P.414-425.

127. Andrianov I., Danishevskyy V. Quasifractional approximants in the theory of dispersed media // Proceedings of the XXII Yugoslav Congress of the Theoretical and Applied Mechanics. - Vrnjacka Banja (Yugoslavia). - 1997. - P.15-19.

128. Andrianov I., Danishevskyy V., Tokarzewski S. Quasifractional approximants in the theory of composite materials // Proceedings of the International Aerospace Congress. –Moscow (Russia). – 1994. –P.592-594.

Тези доповідей на конференціях

129. Danishevskyy V.V., Kaplunov J.D., Rogerson G. Influence of microstructure on nonlinear vibrations and modes interactions in heterogeneous solids // Abstracts of the workshop on mathematical modelling in continuum mechanics "Elasticity Day". – Cardiff University (UK). – 2017.

130. Danishevskyy V.V., Kaplunov J.D., Rogerson G. Composite dynamic models for periodically heterogeneous structures // Abstracts of the British Applied Mathematics Colloquium. – University of Surrey (UK). – 2017.

131. Danishevskyy V.V., Kaplunov J.D., Rogerson G. Propagation of elastic waves in cylindrically structured cancellous bones // Abstracts of the 24th International Congress of Theoretical and Applied Mechanics. – Montreal (Canada). – 2016. – P.2252.

132. Andrianov I.V., Danishevskyy V.V., Rogerson G. Influence of a microstructure upon the coupling of non-linear modes in vibrations of composite solids // Abstracts of the 6th International Conference on Non-linear Vibrations, Localization and Energy Transfer. – Liege (Belgium). – 2016.

133. Danishevskyy V.V., Kaplunov J.D., Rogerson G. Asymptotic modelling of periodic and anti-periodic waves in structured solids // Abstracts of the workshop on mathematical modelling in continuum mechanics "Elasticity Day". – Brunel University London (UK). – 2016.

134. Danishevskyy V.V., Kaplunov J.D., Rogerson G. Waves scattering in cylindrically structured poroelastic bones // Abstracts of the British Applied Mathematics Colloquium. – Oxford (UK). – 2016. – P.25.

135. Andrianov I.V., Danishevskyy V.V., Weichert D. Waves in composite materials: an interplay between nonlinearity and dispersion // Abstracts of the EUROMECH Colloquium 540 "Advanced Modelling of Wave Propagation in Solids ". – Prague (Czech Republic). – 2012. – P.22–23.

136. Andrianov I.V., Danishevskyy V.V., Weichert D. Spatial localization of waves in composite materials // Abstracts of the 38th Solid Mechanics Conference. – Warsaw (Poland). – 2012. – P.226–227.

137. Andrianov I.V., Danishevskyy V.V., Ryzhkov O.I., Weichert D. Elastic waves in a structurally-nonlinear fibrous composite material. 2D anti-plane shear problem // Abstracts of the 8th European Solid Mechanics Conference. – Graz (Austria). – 2012.

138. Andrianov I.V., Danishevskyy V.V., Weichert D. Linear and nonlinear waves in discrete structures: continualization and discrete effects // Abstracts of the 8th European Solid Mechanics Conference. – Graz (Austria). – 2012.

139. Andrianov I.V., Danishevskyy V.V., Ryzhkov O.I., Weichert D. Anti-plane shear waves in a structurally-nonlinear fibrous composite material // Abstracts of the 83rd Annual Scientific Conference of the International Association of Applied Mathematics and Mechanics (GAMM). – Darmstadt (Germany). – 2012. – P.268.

140. Ryzhkov O., Andrianov I., Weichert D., Danishevs'kyy V. Higher-order asymptotic homogenization and wave propagation in nonlinear composite materials // Abstracts of the 82nd Annual Scientific Conference of the International Association of Applied Mathematics and Mechanics (GAMM). – Gratz (Austria). – 2011. – P.258.

141. Kushnierov Ie., Andrianov I., Danishevs'kyy V., Weichert D. Spatial localization of elastic waves in periodic composite structures with defects // Abstracts of the 82nd Annual Scientific Conference of the International Association of Applied Mathematics and Mechanics (GAMM). – Graz (Austria). – 2011. – P.293.

142. Данишевский В.В., Рыжков А.И. Нелинейные волны деформации в периодически-неоднородном слоистом композите // Тезисы Международной конференции «Математические проблемы технической механики – 2011». – Днепропетровск. – 2011. – С.170.

143. Andrianov I.V., Danishevskyy V.V., Weichert D. Wave propagation in periodic composites: homogenization, asymptotic solutions and plane-wave approaches // Abstracts of the EUROMECH Colloquium "Nonlinear Normal Modes, Dimension Reduction and Localization in Vibrating Systems". – Frascati, Rome (Italy). – 2009. – P.38–39.

144. Andrianov I.V., Bolshakov V.I., Danishevskyy V.V., Weichert D. Weak and strong interfaces in conduction through periodic composite materials // Abstracts of the 15th International Conference on Mechanics of Composite Materials. – Riga (Latvia). – 2008. – P.30–31.

145. Andrianov I.V., Danishevskyy V.V., Weichert D. Analytical determination of the effective properties of fibrous composite materials by using the homogenization approach // Abstracts of the 15th International Conference on Mechanics of Composite Materials. – Riga (Latvia). – 2008. – P.32–33.

146. Andrianov I.V., Danishevskyy V.V., Weichert D. Load-transfer from a fibre to a half-space via an elastic coating for dilute and densely packed composites // Abstracts of the 20th Workshop "Composite Forschung in der Mechanik". –Paderborn (Germany). –2007. –p.8.

147. Andrianov I., Bolshakov V., Danishevskyy V., Weichert D. Study of wave dispersion in periodic composites by higher order asymptotic homogenization method // Abstracts of the 6th

International Congress on Industrial and Applied Mathematics. –Zurich (Switzerland). –2007. –P.90, 488 (електронна публікація на CD-ROM).

148. Bolshakov V.I., Danishevskyy V.V. Asymptotic multiscale analysis of transport processes through periodic cubic lattices of spheres // Abstracts of the International Conference "Modern Analysis and Applications" dedicated to the centenary of Mark Krein. –Odessa. –2007. –P.25–26.

149. Bolshakov V.I., Danishevskyy V.V. Study of scale effects in a laminated composite material by higher-order homogenization method // Тези доповідей Міжнародної конференції „Актуальні проблеми прикладної математики та механіки" присвяченої 80-річчю з дня народження академіка НАН України Рвачева В.Л. –Харків. –2006. –с.107.

150. Andrianov I., Bolshakov V., Danishevskyy V., Weichert D. An asymptotic approach for effective properties and micromechanical response of fibrous composites with interphases // Abstracts of the 6th European Solid Mechanics Conference. –Budapest (Hungary). –2006. (електронна публікація на CD-ROM).

151. Danishevskyy V., Bolshakov V. Effects of interphases in fibre-reinforced composite materials // Abstracts of the GAMM'2006 Conference. –Berlin (Germany). –2006. –p.297.

152. Danishevskyy V., Guillet A., Pareige P., Weichert D. Plastic flow of a bimetallic mono-filamentary wire through a conical die // Abstracts of the GAMM'2005 Conference. – Luxembourg. –2005. –p.125.

153. Andrianov I., Danishevskyy V., Weichert D. Effective transport coefficients and local fields distributions in fibre-reinforced composite materials // Abstracts of the GAMM'2005 Conference. –Luxembourg. –2005. –p.126.

154. Danishevskyy V., Guillet A., Pareige P. Effective properties and micro-mechanical response of a bimetal composite under longitudinal torsion // Abstracts of the "Colloque Plasticité 2004". –Metz (France). –2004. –P.22-23.

155. Andrianov, I.V., Danishevskyy V.V., Weichert, D. Asymptotic simulation of imperfect interfacial bonding in a fibre-reinforced composite // Abstracts of the 13th International Conference on Mechanics of Composite Materials. – Riga (Latvia). – 2004. - p.15.

156. Andrianov I., Danishevskyy V., Weichert D. Asymptotic study of a fibre-reinforced composite with imperfect interface bonding and with coated fibres // Abstracts of the GAMM'2004 Conference. –Dresden (Germany). –2004. –p.77.

157. Andrianov I.V., Danishevskyy V., Weichert D. Asymptotic study of a fibre-reinforced composites with imperfect interface bonding and with coated fibres // Abstracts of the 16th Workshop "Composite Forschung in der Mechanik". –Paderborn (Germany). –2003. –p.8.

158. Andrianov I.V., Danishevskyy V.V. Homogenization and discrete-continuum approach in the mechanics of solids // Abstracts of the NATO Advanced Research Workshop "Nonlinear Homogenization and Its Application to Composites, Polycrystals and Smart Materials". – Kazimierz Dolny (Poland) –2003.

159. Andrianov I.V., Danishevskyy V.V., Weichert D. Homogenization of corrugated plates // Abstracts of the 7th Conference "Shell Structures. Theory and Applications". –Gdansk–Jurata (Poland). –2002. –P.49-50.

160. Andrianov I.V., Danishevskyy V.V., Tokarzewski S., Weichert D. Continuous approximations of discrete media // Abstracts of the 34th Solid Mechanics Conference. –Zakopane (Poland). –2002. –P.43-44.

161. Tokarzewski, S., Galka A., Andrianov, I.V., Danishevskyy, V.V. Homogenized torsional modulus of a viscoelastic beam reinforced with thin vosvoelastic fibers. // Abstracts of the 34th Solid Mechanics Conference. –Zakopane (Poland). –2002. –P.275-276.

162. Andrianov I., Danishevskyy V. Artificial small parameters in nonlinear dynamics // Abstracts of the 4th Euromech Nonlinear Oscillations Conference. –Moscow (Russia). –2002. –p.21.

163. Andrianov I., Danishevskyy V., Weichert D. Asymptotic evaluation of effective complex moduli of fibre-reinforced visco-elastic composite materials // Abstracts of the GAMM'2002 Conference. –Augsburg (Germany). –2002. –p.30.

164. Andrianov I., Danishevskyy V., Weichert D. Analogy between asymptotic evaluations of transport and elastic properties of fibre-reinforced composite materials // Abstracts of the 14th Workshop "Composite Forschung in der Mechanik". –Paderborn (Germany). –2001. –p.9.

165. Danishevskyy V., Weichert D., Andrianov I. Asymptotic evaluation of effective elastic moduli of periodical composite materials // Abstracts of the 1st SIAM-EMS Conference "Applied Mathematic in our Changing World". –Berlin (Germany). –2001. –p.78.

166. Andrianov I., Awrejcewicz J., Danishevskyy V. Asymptotic method for nonlinear periodical vibrations of continuous structures // Abstracts of the 10th International Conference on Differential Equations and Their Applications EQUADIFF'10. –Praga (Czech Republic). –2001. –p.10.

167. Andrianov I., Danishevskyy V. Homogenization approach in Mechanics of Solids // Abstracts of the 3rd International ISAAC Congress. –Berlin (Germany). –2001. –p.176-177.

168. Andrianov I., Danishevskyy V. Multi-modes free vibrations of nonlinear continuous structures // Abstracts of the EUROMECH Colloquium 425 "Nonlinear Dynamics, Control and Condition Monitoring". –Aberdeen (Scotland). –2001. –p.17.

169. Danishevskyy V. Development of asymptotic methods for effective properties of composite materials // Abstracts of the Introductory Meeting of the Alexander von Humboldt Foundation. - Bonn (Germany). –2001. –p.40.

170. Andrianov I., Danishevskyy V., Tokarzewski S. Calculation of effective elastic moduli of fiber-reinforced composites by asymptotic transition to transport problems // Abstracts of the GAMM'2001 Conference. –Zurich (Switzerland). –2001. –P.5-6.

171. Tokarzewski S., Andrianov I., Danishevskyy V., Starushenko G. Analytical continuation of asymptotic expansions of effective transport properties // Abstracts of the Third World Congress of Nonlinear Analysts. -Catania (Italy). -2000. -p.648.

172. Andrianov I., Danishevskyy V. Asymptotic small delta method for nonlinear oscillations of continuous systems // Abstracts of the XIII International Congress on Mathematical Physics. - London (UK). -2000. -p.25.

173. Andrianov I., Danishevskyy V., Tokarzewski S., Starushenko G. Padé approximants for effective properties of composite materials // Abstracts of the 4th EUROMECH Solid Mechanics Conference. -Metz (France). -2000. -V.2. -p.242.

174. Andrianov I., Danishevskyy V., Seferovsky Yu. A new asymptotic approach to the effective elastic characteristics of composites with fibre inclusions // Abstracts of the 11th International Conference on Mechanics of Composite Materials. -Riga (Latvia). -2000. -p.10.

175. Igor Andrianov, Vladyslav Danishevskyy, Elena Horseva Problem of small denominators in the theory of continuous systems nonlinear oscillations // Abstracts of the International Conference on Differential Equations (EQUADIFF'99). –Berlin (Germany). –1999. –P.324-325.

176. Andrianov I., Danishevskyy V. Asymptotic-numerical approach in nonlinear mechanics // Abstracts of the XIV Polish Conference on Computer Methods in Mechanics. –Rzeszow (Poland). –1999. –P.21-22.

177. Danishevskyy V. An asymptotic technique for non-linear oscillations of finite sizes systems // Abstracts of the 32nd Polish Solid Mechanics Conference (SolMec'98). – Zakopane (Poland). – 1998. – P.115-116.

178. Tokarzewski S., Andrianov I., Danishevskyy V. Continued fraction approach to the torsionally oscillating viscoelastic beams reinforced with viscoelastic fibres // Abstracts of the 32nd Polish Solid Mechanics Conference (SolMec'98). – Zakopane (Poland). – 1998. – P.377-378.

179. Danishevskyy V., Andrianov I. A new asymptotic technique for non-linear dynamic boundary value problems // Abstracts of the International Congress of Mathematicians. – Berlin (Germany). – 1998. – p.231.

180. Andrianov I., Starushenko G., Danishevskyy V. Asymptotic approximation of effective heat conductivity of composite materials with large diamond fiber inclusions // Abstracts of the 10th International Conference on Mechanics of Composite Materials. – Riga (Latvia). – 1998. - p.19.

181. Andrianov I., Danishevskyy V., Starushenko G., Tokarzewski S. Asymptotic approach, multi-point Pade and quasifractional approximants in the theory of composite materials // Abstracts of the 3rd EUROMECH Solid Mechanics Conference. - Stockholm (Sweden). - 1997. - p.27.

182. Андрианов И. В., Данишевский В. В. Определение эффективных характеристик композитных материалов при помощи асимптотических методов и двухточечных формул // Труды Международного конгресса студентов, аспирантов и молодых ученых «Молодежь и

наука – третье тысячелетие» (YSTM'96). – Т.2. – Москва: НТА «Актуальные проблемы фундаментальных наук». – 1997. – с.50.

183. Andrianov I., Danishevskyy V. Asymptotic investigation of the nonlinear longitudinal oscillations of rod // Abstracts of the XXI Yugoslav Congress of the Theoretical and Applied Mechanics. – NIS (Yugoslavia). –1995. –p.268.

184. Андрианов И. В., Данишевский В. В., Сазонец О. Асимптотическое исследование нелинейной динамики стержня // Труды школы-семинара "Нелинейные краевые задачи математической физики". –Киев. –1994. –с.5.