

PERSONAL DATA

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12. Marital status: Married, daughter, son

POST HELD

1. Assistant 1970-73, Poznań University of Technology,
Institute of Technical Mechanics, Poznań,
2. Senior assistant 1973-79, Poznań University of Technology,
Institute of Technical Mechanics, Poznań,
3. Assistant professor 1979-88, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
4. Associate professor 1988-92, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
5. Extraordinary professor 1992-96, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
6. Ordinary professor 1996, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
7. Deputy director 1991-96, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
8. Head of the Technical Mechanics Division 1998, Poznań University of Technology,
Institute of Applied Mechanics, Poznań,
9. Prorector 1999-2005, Poznań University of
Technology, Poznań,
10. Head of the institute 2005- Poznań University of Technology,
Institute of Applied Mechanics, Poznań,

SCIENTIFIC ACTIVITY

Thermomechanics of solids, thermodynamics of materials, electrostatics of materials, deformable semiconductors, deformable superconductors, rheology, heterogeneous and anisotropic media, mesoscopic modelling, multiphase media, waves in continua, negative media.

Scientific collaboration

1. Institute of Fundamental Technological Research, Warszawa, PAS.
2. Kielce University of Technology, Kielce.
3. Universite de Liège, Liège, Belgium, 1983, visiting professor.
4. Université Pierre-et-Marie-Curie, Paris, France, 1983, 1989.
5. University Svetozar Markovic, Kragujevac, Yugoslavia, 1988, visiting professor.
6. Eindhoven University of Technology, Eindhoven, Holand, 1988, 1991, visiting professor.
7. Universität Stuttgart, Stuttgart, Germany, 1988.
8. Technische Universität Berlin, Berlin, Germany, since 1990, visiting professor.
9. Università di Messina, Messina, Italy, since 1990, visiting professor.
10. Universitat Autònoma de Barcelona, Department de Termologia, Bellaterra (Barcelona), Spain, 1985, 1990, visiting professor.
11. Universität Karlsruhe, Karlsruhe, Germany, 1989.
12. Università degli Studi della Calabria, Dipartimento di Matematica, Cosenza, Italy, since 1990.
13. Università di Catania, Dipartimento di Matematica, Catania, Italy, since 1990.

PUBLIKACJE

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2. B. Maruszewski, Termodyfuzja w płycie prostokątnej, ZNPP, s. Mechanika, nr 18 (1976) 81-94.
3. B. Maruszewski, Pewne zagadnienie termodyfuzjospężystości w półpasmie płytowym, ZNPP, s. Mechanika, nr 18 (1976) 71-80.
4. B. Maruszewski, Symetria sprzężeń i metoda linearyzacji równań magnetotermospężystości w przypadku periodycznego pola magnetycznego, ZNPP, s. Mechanika, nr 26 (1980) 123-128.
5. B. Maruszewski, Dynamical magneto-thermoelastic problem in circular cylinders. I. Basic equations, Int. J. Engn. Sci., 19 (1981) 1233-1240.
6. B. Maruszewski, Dynamical magneto-thermoelastic problem in circular cylinders. II. Thermal, magnetic and elastic fields, Int. J. Engn. Sci., 19 (1981) 1241-1253.
7. B. Maruszewski, A. Krajewski, J. Małecki, Energia aktywacji węgla w stopie FeNi₂₉Co₁₇, Politechnika Poznańska, Uczelniany Program Badawczy nr 3, Prace z Inżynierii Materiałowej 1980, pod red. Z. Głowackiego, Poznań, 1982, 135-145.
8. B. Maruszewski, Efekty termogalwanomagnetyczne w sprężystych półprzewodnikach, Biuletyn WAT, XXXIII, 1 (1984) 87-95.
9. B. Maruszewski, Electrothermodiffusion of electrons in thermoelastic semiconductors, in: The Mechanical Behavior of Electromagnetic Solid Continua, ed. By G.A. Maugin, Elsevier, 1984, 129-134.
10. B. Maruszewski, G. Lebon, An extended irreversible thermodynamic description of isotropic semiconductors, J. Tech. Phys., 27 (1986) 63-74.
11. B. Maruszewski, Termospężysty paramagnetyk w polu elektromagnetycznym. Nierównowagowy i rozszerzony opis termodynamiczny, Biuletyn WAT, XXXV, 7 (1986) 107-119.
12. B. Maruszewski, Electro-magneto-thermo-elasticity of extrinsic semiconductors. Classical irreversible thermodynamic approach, Arch. Mech., 38 (1986) 71-82.
13. B. Maruszewski, Electro-magneto-thermo-elasticity of extrinsic semiconductors. Extended irreversible thermodynamic approach, Arch. Mech., 38 (1986) 83-95.
14. B. Maruszewski, Termodynamiczne podstawy magnetotermodyfuzji i elektrotermodyfuzji w ośrodku ciągłym, Rozprawy Nr 178, WNPP, Poznań 1986.

- 15.B. Maruszewski, G. Lebon, An extended irreversible thermodynamic description of electro-thermoelastic semiconductors, *Int. J. Engn. Sci.*, 24 (1986) 583-593.
- 16.B. Maruszewski, Generalized extended nonequilibrium thermodynamics of diffusion in paramagnets, in: *Recent Developments in Nonequilibrium Thermodynamics: Fluids and Related Topics*, ed. By J. Casas-Vázquez, D. Jou, J.M. Rubí, *Lecture Notes in Physics*, No 253, Springer-Verlag, 1986.
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- Proc. of the 1st International Conference on Engineering Computation and Computer Simulation. Theories and Applications, vol. I, 50-59, Hunan University Press, 1995, ed. by Zhong Zhihua.
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