

LIST OF PUBLICATIONS

of

Witold Kosiński

1 Books:

1. W.Kosiński, Wstęp do teorii osobliwości pola i analizy fal, PWN, Warszawa-Poznań 1981.
2. W. Kosiński, Field Singularities and Wave Analysis in Continuum Mechanics. *Ellis Horwood Series: Mathematics and Its Applications*, Ellis Horwood Ltd., Chichester, Halsted Press: a Division of John Wiley & Sons, New York Chichester Brisbane Toronto, PWN - Polish Scientific Publishers, Warsaw 1986.

2 Collected papers

3. Zagadnienia początkowo - brzegowe dla ośrodków dyssypatywnych. W. Kosiński (ed.), Ossolineum, Wrocław Warszawa, 1979,
4. Selected Problems of Modern Continuum Theory, Procedings of the IV-th Polish - Italian Sympozjum, Bologna, June 3 - 6 1987, W.Kosiński, T.Manacorda, A.Morro and T.Ruggeri (eds.), Pitagora Editrice, Bologna 1987,
5. Komputerowe modelowanie percepji i rozumowania, Praca zbiorowa, *IPPT - PAN, Report, Warszawa*, vol.I, # 31, 1987, vol. II, # 42, 1988, L. Chmielewski i W. Kosiński (eds.),
6. Lectures Notes on Computer Vision and Artificial Intelligence, L. Chmielewski and W. Kosiński (eds.), Ossolineum, Wrocław-Warszawa- Kraków 1990,
7. Modelling Macroscopic Phenomena at Liquid Boundaries, A.I Murdoch and W. Kosiński (eds.) *CISM Courses and Lectures*, No 318, Springer, Wien-New York 1991,
8. Thermodynamics and Kinetic Theory, Procedings of the V-th Polish-Italian Sympozjum, Mądralin, August 28 - September 1, 1990, W. Kosiński, W. Larecki, A.Morro and H.Zorski (eds.), *Series on Advances in Mathematics for Applied Sciences*, vol. 12, World Scientific, Singapore, New Jersey 1992,

3 Papers:

9. W. Kosiński, On a thermodynamic theory of materials with memory, *Bull. Acad. Polon. Sci., Sér. Sci. Techn.*, **20** (3), 1972, 7[167] - 14[174]

10. W. Kosiński and P. Perzyna, Analysis of acceleration waves in rheological material, *Bull. Acad. Polon. Sci., Sér. Sci. Techn.*, **20** (4), 1972, 147[273]-154[280],
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12. W. Kosiński, Liniowa teoria materiałów reologicznych z wewnętrznyimi zmianami strukturalnymi, Rozprawa doktorska - Ph.D. Thesis *IPPT - PAN, Report #45*, Warszawa 1972
13. W. Kosiński and P. Perzyna, Analysis of acceleration waves in materials with internal parameters. *Arch. Mech.*, **24** (4), 1972, 629-643,
14. W. Kosiński, Teoria materiałów z zakresem sprężystym, *IPPT - PAN, Report # 52*, 1972
15. W. Kosiński, Thermomechanical coupling in materials with memory, *XIII-th Congress of IUTAM, Moscow 1972* and *Arch. Mech.*, **25** (3), 1973, 441-455
16. W. Kosiński, On the thermodynamics of materials with fading memory and internal variables. Part I: General theory. Part II: Equilibrium states. *Bull. Acad. Polon. Sci., Sér. Sci. Techn.*, **21** (4), 1973, 183[271]-197[285]
17. W. Kosiński and W. Wojno, Remarks on internal variable and history descriptions of material. *Arch. Mech.*, **25** 1973(4), 709-713,
18. P. Mazilu and W. Kosiński, On materials with parametrical memory. *Bull. Acad. Polon. Sci., Sér. Sci. Techn.* **21** (7), 1973, 379[561]- 386[568],
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20. P. Perzyna and W. Kosiński, A mathematical theory of materials. *Bull. Acad. Polon. Sci., Sér. Sci. Techn.*, **21** (12), 1973, 647 [1017] - 654 [1024],
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22. W. Kosiński, On shock wave propagation in a material with internal variables, *Proc. Vibr. Problems*, now *J. Techn. Phys.*, **15** (3), 1974, 205-215,
23. W. Kosiński, On the global behaviour of one-dimensional acceleration waves in a material with internal variables. *Arch. Mech.*, **27** (2), 1975, 231-243
24. W. Kosiński, Acceleration waves in a material with internal variables, *Bull. Acad. Pol. Sci., Sér. Sci. Techn.*, **22** (7-8), 1974, 423[635]-431[643],
25. W. Kosiński, Behaviour of the acceleration and shock waves in materials with internal state variables. *Int. J.Non - Linear Mech.*, **9** (12), 1974, 481-499,
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98. M. Arcisz and W. Kosiński, Hugoniot relations and heat conduction laws, submitted for publication to *J. Thermal Stresses*,
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