

Bibliography

Monographs – monograph chapters

1. D. Zorica, S. M. Cvetičanin, **Transmission line modeling by fractional and topological generalization of the telegrapher's equation**, in A. G. Radwan, F. A. Khanday, L. A. Said (Editors), **Fractional-Order Modeling of Dynamic Systems with Applications in Optimization, Signal Processing, and Control**, Elsevier – Academic Press, 2021, London.
2. T. M. Atanacković, B. Stanković, S. Pilipović, D. Zorica, **Fractional Calculus with Applications in Mechanics: Vibrations and Diffusion Processes**, ISTE - Wiley, 2014, London.
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1. S. Jelić, D. Zorica, **Compressive and shear wave propagation in viscoelastic solid medium as a consequence of prescribed initial displacement fields**, *Wave Motion* 140 (2026) 103651–1–34.
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10. Lj. Oparnica, D. Zorica, A. Okuka, **Fractional Burgers wave equation**, *Acta Mechanica*, 230 (2019) 4321–4340.
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Application of fractional calculus in medicine

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