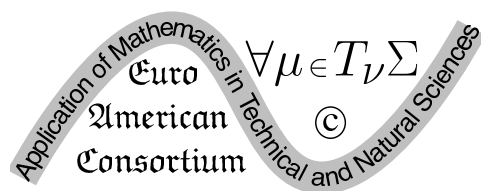


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BOOK OF ABSTRACTS



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Asymptotic Behavior of the Non-oscillating Solutions of First Order Nonlinear Impulsive Functional-Differential Equations of Neutral Type

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This paper deals with nonlinear first-order impulsive functional-differential equations of neutral type with variable coefficients. The asymptotic behavior of the non-oscillating solutions of such equations is investigated as a function of the values of the variable coefficient in the neutral term to serve as a basis for further studies of the oscillation of the solutions of such equations

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On the 14D Riemann Metric Associated with Navier-Stokes Equations and Its Applications

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Moldova*

The properties of 14-dim Riemann metric, which is a Ricci-flat on solutions of the Navier-Stokes system of equations are studied. With this aim the properties of equations of geodesics of considered metric, written in parametric form are integrated. The examples of flows of viscous incompressible liquids are derived.

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