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Abstracts

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2. Dobrokhotov S. Yu., Minenkov D. S., Votiakova M. M., “Asymptotics of Long Nonlinear Coastal Waves in Basins with Gentle Shores”, Russian Journal of Mathematical Physics, **31**, No. 1, 79–93 (2024).

MULTIDIMENSIONAL RIEMANNIAN METRICS FOR INTEGRATING THE NAVIER–STOKES EQUATIONS

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The properties of $14D$ -metric which is the Ricci-flat $R_{ik} = 0$ on solutions of the Navier-Stokes equations in the Euler variables are studied.

For the study properties of Navier-Stokes equations in Lagrangian variables the $6D$ -metric is introduced and examples of their particular solutions are constructed.

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