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Matsyuk, R. Ya. (2-AOSUK-A2)

Existence of a Lagrangian for a nonautonomous system of ordinary differential equations. (Russian)

Mat. Metody i Fiz.-Mekh. Polya No. 20 (1984), 16–19.

Author's summary: "We indicate a criterion under which a nonautonomous system of ordinary differential equations of arbitrary order is a system of Euler-Poisson equations. We give the general form of such systems of the fourth order and lower."

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