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Classical solutions of hyperbolic equations with nonlocal potentials. (English. Russian original)

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Summary: A three-parameter family of global solutions for a two-dimensional hyperbolic differential-difference equation with a nonlocal potential is constructed. A theorem that the obtained solutions are classical is proved.

MSC:

[35L10](#) Second-order hyperbolic equations

[35A09](#) Classical solutions to PDEs

[35R10](#) Partial functional-differential equations

Keywords:

differential-difference equation; shift of the space variable; one space dimension

Full Text: [DOI](#)

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