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# On the Bluestein–Gulyaev waves of arbitrary profile

© D.A. Prikazchikov<sup>1</sup>, B. Erbaş<sup>2</sup>

<sup>1</sup>Bauman Moscow State Technical University, 105005, Moscow, Russia

<sup>2</sup>Anadolu University, Eskischir, Turkey

*The paper is studying propagation of the Bluestein–Gulyaev wave along the surface of a piezoelectric half-space. A general representation for the wave field in terms of a single harmonic function is obtained for the two main types of homogeneous boundary conditions.*

**Keywords:** *Bluestein–Gulyaev wave, plane harmonic function.*

**Prikazchikov D.A.**, Ph.D., Assoc. Professor of the Computational Mathematics and Mathematical Physics Department of Bauman Moscow State Technical University. Author of 35 scientific papers and 7 teaching aids. Research interests: the dynamic theory of elastic wave propagation, asymptotic methods. e-mail: prikazchikovda@yandex.ru

**Erbaş B.**, Ph.D, Assoc. Professor of the Mathematics Department, Anadolu University, Turkey. Author of 14 scientific papers and 1 training manual. Research interests: theory of elasticity, wave propagation, mixed task.

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