On one polynomial method of solving integral equations of the third kind

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Abstract

©Allerton Press, Inc., 2015. We propose and substantiate a special variant of the subdomain-collocation method for the approximate solving integral equations of the third kind in the general case of zeros of the coefficient in the space of distributions.

Keywords

Approximate solution, Integral equation of the third kind, Space of distributions, Subdomain-collocation method, Theoretical substantiation