

A special variant of the subdomain method for integral equations of the third kind with singularities in the kernel

Gabbasov N., Zamaliev R.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

In this paper we study integral equations of the third kind with fixed singularities in the kernel. For the approximate solving of these equations in the space of distribution we substantiate a new variant of the subdomain method. © 2014 Allerton Press, Inc.

<http://dx.doi.org/10.3103/S1066369X1410003X>

Keywords

approximate solution, integral equations of the third kind, space of distributions, subdomain method