

The approximate solution of singular integral equations

Boikov I.

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

Abstract

A computational scheme of collocation type is proposed for a singular linear integral equation with a power singularity in the regular integral and the justification is given. The results obtained are used to justify the approximate solution of the singular integral equation {Mathematical expression} by a modification of the method of minimal residuals. © 1973 Consultants Bureau.

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