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Algorithms of the quadrature method for homogeneous integral equations with symmetric kernel. (Russian. English summary) [Zbl 0533.65083](#)

Vychisl. Prikl. Mat., Kiev 43, 85-93 (1981).

Algorithms presented in this paper in comparison with algorithms previously investigated by the present authors [Vychisl. Prikl. Mat. Mezhved. Nauchn. Sb. 27, 58-66 (1975; [Zbl 0307.65083](#)) and Zh. Vychisl. Mat. Mat. Fiz. 17, 298-305 (1977; [Zbl 0349.45001](#))] substantially reduce the scope of calculations and memory-informations. A numerical example is given.

Reviewer: [J.Albrycht](#)

MSC:

[65R20](#) Numerical methods for integral equations

[45B05](#) Fredholm integral equations

Keywords:

algorithms; quadrature method; homogeneous integral equations; symmetric kernel; comparison; numerical example