Abstract. In this paper we prove new Hardy type inequalities with general kernels. We give new results that involve the Hardy–Hilbert and the Pólya–Knopp inequality. We also prove new results that involve $n$-convex functions.


Keywords and phrases: The Hardy inequality, the Hardy–Hilbert inequality, inequalities, Hardy type inequalities, the Green function, the Taylor theorem, convex function, kernel.

REFERENCES