

SHARP BOUNDS ON THE SINC FUNCTION VIA THE FOURIER SERIES METHOD

GABRIEL BERCU

Abstract. In this paper we provide sharp bounds on the sinc function using the Fourier series method. Refinements of some remarkable trigonometric inequalities involving sinc function are given as well.

Mathematics subject classification (2010): 41A21, 42B05, 26D05, 26D15.

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