Abstract. Trigonometric inequalities, which have been obtained by J. Wilker [11] and C. Huygens [4], have attracted attention of several researchers (see, e.g., [1], [3], [6], [7], [8], [9], [10], [12], [13], [14], [15], [16]). In this paper we offer several refinements and generalizations of these results.


Keywords and phrases: inequalities, trigonometric functions, hyperbolic functions, Wilker’s inequality, Huygen’s inequality.

REFERENCES