SOME REVERSE $l_p$–TYPE INEQUALITIES INVOLVING CERTAIN QUASI MONOTONE SEQUENCES

Mikhail K. Potaiov, Faton M. Berisha, Nimete Sh. Berisha and Reshad Kadriu

Abstract. In this paper, we give some $l_p$-type inequalities about sequences satisfying certain quasi monotone type properties. As special cases, reverse $l_p$-type inequalities for non-negative decreasing sequences are obtained. The inequalities are closely related to Copson’s and Leindler’s inequalities, but the sign of the inequalities is reversed.


Keywords and phrases: $l_p$-type, Copson, Leindler, inequalities, quasi, lacunary, geometrically, monotone sequences.

REFERENCES