



A GENERALIZATION OF PROBABILISTIC CAUCHY-SCHWARZ INEQUALITY

Roland Forson and Oothan Nweit

Abstract

This paper gives a generalization of the probabilistic form of Cauchy-Schwarz inequality and makes a related research on a special case. The classical conclusions of some discrete Cauchy-Schwarz inequalities are generalized to the probability space.

Keywords and phrases: Cauchy-Schwarz inequality, generalization, probabilistic.