Variable Step Size NLMS Algorithm for Echo Cancelling

Ioana HOMĂNĂ

Abstract

Acoustic echo occurs when an audio signal is reverberated in a real environment, resulting in the original intended signal plus attenuated, time delayed images of this signal. In this paper we use the VSSNLMS algorithm to improve de performance of the standard normalized least mean square. Simulation results employing standard figure of merits show that the algorithm performs better than NLMS algorithm.