Abstract

This paper discusses the process of behavioral conversion of digital circuits used for signal processing applications into its neural network counterpart[1][2]. The neural network so devised represents simulated digital circuits without any deviation in its input–output characteristics. However, the design of such networks depends entirely on different parameters and thus the design process too. It is believed that, if designed properly, the software format of neural network will be helpful in replacing various important hardware circuits in the digital systems calls for precision[4][5].

References


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