عنوان مقاله:

Filter Smoothing in Automatic Neural Network Generator

نویسنده:

Mahshid Aghania - *Department of Mechatronic, Karaj Islamic Azad University, Iran*

خلاصه مقاله:

Artificial Neural Networks (ANNs) are the main part of elements such as neurons. The main idea of using ANN networks is to implement human mind base on a parallel structure so that we need a hardware with parallel structure and million transistors such as FPGAs.In this article we want to generate the HDL code of automatic generated ANN networks using Xilinx System generator provided by Mathwork Simulink and ISE design suite. In the second part we will use this toolbox for signal noise removing

کلمات کلیدی:

Xilinx System Generator, ANN Networks, FPGA, Simulink, Matlab