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Journal articles indexed in SCI, SSCI, and AHCI

I. **Efficient Simulation of Time-Derivative Cellular Neural Networks**
    Polat S. N. T., Yavuz O., Tavsanoglu V.
    IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS, vol.59, no.11, pp.2638-2645, 2012 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **2nd order 2-D spatial filters and Cellular Neural Network implementations**
    Tavsanoglu V., TURAL POLAT S. N.
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II. **Demonstration of the Second Generation Real-Time Cellular Neural Network Processor: RTCNNP-v2**
    TAVŞANOĞLU A. V.
    Cellular Nanoscale Networks and Their Applications (CNNA), 2012 13th International Workshop on, 01 August 2012, (Full Text)
III. **Demo: An improved FPGA implementation of CNN Gabor-type Filters**
    TAVŞANOĞLU A. V.
    Cellular Nanoscale Networks and Their Applications (CNNA), 2012 13th International Workshop on, 01 August 2012
IV. **On the teaching of the axiomatics of physical systems**
    TAVŞANOĞLU A. V.
    Circuits and Systems (ISCAS), 2012 IEEE International Symposium on, 01 May 2012
V. **A new control structure for the pipelined CNN processor arrays**
    TAVŞANOĞLU A. V.
    Cellular Nanoscale Networks and Their Applications (CNNA), 2010 12th International Workshop on, 01 February 2010

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