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Signal Processing and Machine Learning

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VLSI DIGITAL SIGNAL PROCESSING SYSTEMS: DESIGN AND IMPLEMENTATION | Keshab K. Parhi | Google Books This text integrates VLSI architecture theory and algorithms, addresses various architectures at the implementation level, and presents several approaches to analysis, estimation, and procssing of power consumption.

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Chap. 2 2 VLSI Digital Signal Processing Systems | Textbook: | K.K. Parhi, VLSI Digital Signal Processing Systems: Design and Implementation, John Wiley, 1999

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He has published over 650 papers, is inventor or coinventor of 31 issued US Patents, has authored the text book VLSI Digital Signal Processing Systems: Design and Implementation (Wiley, 1999), and is the co-editor (with Takao Nishitani) of the reference book Digital Signal Processing for Multimedia Systems (CRC Press, March 1999).

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4.0 out of 5 stars A bridge between digital signal processing and VLSI! Reviewed in the United States on May 19, 1999 This is a good book on VLSI DSP system design.

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The teaching and research interests of Prof. Chakraborty are in Digital and Adaptive Signal Processing, VLSI Signal Processing, Linear Algebra and Compressive Sensing. In these areas, Prof. Chakraborty has supervised several graduate theses, carried out independent research and has several well cited publications.