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Digital Signal Processing Implementations Using

The most common processing approach in the time or space domain is enhancement of the input signal through a method called filtering. Digital filtering generally consists of some linear transformation of a number of surrounding samples around the current sample of the input or output signal. There are various ways to characterize filters; for example:

Digital signal processing - Wikipedia

A digital signal processor (DSP) is a specialized microprocessor (or a SIP block), with its architecture optimized for the operational needs of digital signal processing. The goal of DSP is usually to measure, filter or compress continuous real-world analog signals. Most general-purpose microprocessors can also execute digital signal processing algorithms successfully, but may not be able to ...

Digital signal processor - Wikipedia

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A-Law and mu-Law Companding Implementations Using the TMS320C54x (Rev. A - Analog, Embedded Processing, Semiconductor Company, Texas Instruments - Tl.com Fundamentals of Statistical Signal Processing, Volume III Practical Algorithm Development Steven M. Kay Upper Saddle River, NJ · Boston · Indianapolis · San Francisco

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Matlab code for the polynomial root finding algorithms of Lang and Frenzel and of Fox, Lindsey, Burrus, Sitton, and Treitel

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Data Fusion in Wireless Sensor Networks: A statistical signal processing perspective; The role of data fusion has been expanding in recent years through the incorporation of pervasive applications,

where the physical infrastructure is coupled with information and communication technologies, such as wireless sensor networks for the internet of things (IoT), e-health and Industry 4.0.

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Tapio Saramäki was born in Orivesi, Finland, on June 12, 1953.He has received the Diploma Engineer (with honors) and Doctor of Technology (with honors) degrees in electrical engineering from the Tampere University of Technology (TUT), Tampere, Finland, in 1978 and 1981, respectively.

Tapio Saramäki - TUT

Home. This is the home page of the SPIRAL project. The goal of SPIRAL is to push the limits of automation in software and hardware development and optimization for digital signal processing (DSP) algorithms and other numerical kernels beyond what is possible with current tools.

SPIRAL Project: Home Page

Jacques Benveniste (March 12, 1935–October 3, 2004) was a French immunologist. In 1979 he published a well-known paper on the structure of platelet-activating factor and its relationship with histamine.

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