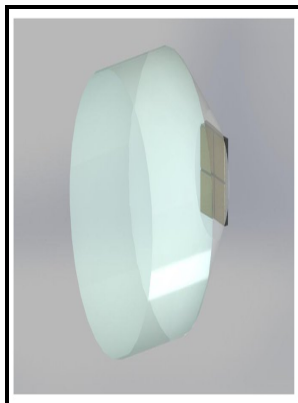


# Multichannel image detectors, volume 2 - based on a symposium

American Chemical Society - RABASAR: A fast ratio based multi



Description: -

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Image processing -- Equipment and supplies -- Congresses.

Spectrum analysis -- Instruments -- Congresses.

Spectrum analysis -- Congresses. Multichannel image detectors, volume 2 - based on a symposium

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Colour young Puffin

ACS symposium series -- 236 Multichannel image detectors, volume

2 - based on a symposium

Notes: Includes bibliographies and indexes.

This edition was published in 1983



Filesize: 68.106 MB

Tags: #Characteristics #of #a #multichannel #low

## Multichannel watermarking of color images

Section 5 concludes the paper.

## ACS Symposium Series (ACS Publications)

Firstly, a novel 4-bit MDAC circuit which can eliminate the offset voltage of residue amplifier is proposed here. In the field of image watermarking, research has been mainly focused on grayscale image watermarking, whereas the extension to the color case is usually accomplished by marking the image luminance, or by processing each color channel separately. One advantage of our system is the use of stacked collimators that can select the best combination of system sensitivity and spatial resolution.

## Active multichannel scintielectronic new

Hence, the peak value of the shaped pulse is from 21 mV to 1. The best test result of the equivalent noise charge ENC is 58.

## Characteristics of a multichannel low

To achieve efficient signal processing, several time-based positron emission tomography PET systems using a large number of granulated gamma-ray detectors have recently been proposed. This work therefore presents a micrometric-accuracy charge-collection characterization of this new generation of ultra-thin silicon strip detectors. The measured averages of sensitivity and spatial resolution varied depending on the septal heights of the ultra-high-resolution parallel-hole collimator and source-to-collimator distances.

## Multichannel watermarking of color images

The power supplies of the tested ASIC are generated by the circuits in the mother board. Despite this unwanted secondary effect, the responses of TRAPPISTe-2 amplifiers can be improved by a variation in the circuit parameters.

## **Mujdat Cetin's Publications**

Properties are reported of new types of active module 32- channel scintielectronic detectors of 'scintillator- photodiode' type with step h equals 0,8 mm for low-energy x-ray introsopic systems.

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