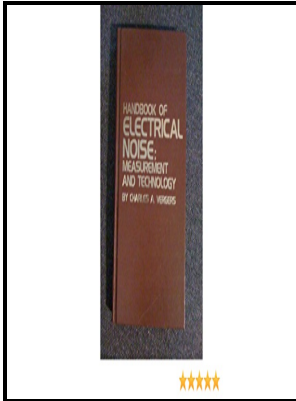


# Handbook of electrical noise - measurement and technology

Tab Professional and Reference Books - Understanding noise in electronic instrumentation



Description: -

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Australia -- In literature.

Mackenzie, Kenneth, 1913-1955 -- Criticism and interpretation.

Electronic circuits -- Noise.

Electronic noise. Handbook of electrical noise - measurement and technology

-Handbook of electrical noise - measurement and technology

Notes: Includes index.

This edition was published in 1987



Filesize: 11.910 MB

Tags: #Understanding #noise #in #electronic #instrumentation

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Crosstalk arises between adjacent media that are capacitively or inductively coupled. Dust Jacket Condition: As New.

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Modern digital storage oscilloscopes invariably perform this function. Because electrons are discrete, their arrival causes shot noise, which has been likened to raindrops striking a tin roof. Also, it is more intense due to incident solar radiation.

## Understanding noise in electronic instrumentation

Techniques for the mitigation of noise external to the instrument vary according to the nature of the noise.

**Handbook of Electrical Noise : Measurement and Technology by Charles A. Vergers (1987, Hardcover) for sale online**

It usually appears as a fluctuating horizontal line known as the noise floor in a spectrum analyzer or oscilloscope in FFT or RF mode. In audio systems, speaker wires function as interference antenna pick-ups. Low-level, high-impedance signal lines must be shielded, as well as all sensitive instrument cabinets.

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## Related Books

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