

Instruments and Experimental Techniques 1996 vol.39 N5, pages 694-696

Differential amplitude discriminator with digital/analog control

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Abstract

A differential amplitude discriminator is described that can operate both with a constant threshold of discrimination (registration of the number of pulses over sequential time intervals), and in the amplitude analysis mode, when discrimination levels change automatically by the chosen value ΔU . This circuit can be applied when locking the output signals to the time of arrival of the input pulses is not required. © 1996 MAHK Hayka/Interperiodica Publishing.
