

Abstracts

Acoustic Surface Wave Sequence Generators and Matched Filters with Adjustable Taps

D.A. Gandolfo, G.D. O'Clock and C.L. Grasse. "Acoustic Surface Wave Sequence Generators and Matched Filters with Adjustable Taps." 1971 G-MTT International Microwave Symposium Digest of Technical Papers 71.1 (1971 [MWSYM]): 60-61.

A hybrid combination of an acoustic surface wave tapped delay line and semiconductor switching devices is used to generate bi-phase coded sequences and to serve as the matched filter for these sequences. The switches permit the phase of a tap to be changed by 180° so that complete code flexibility is achieved.

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