

# Abstracts

## The Regeneration of Binary Microwave Pulses (Abstract)

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O.E. DeLange. *"The Regeneration of Binary Microwave Pulses (Abstract)."* 1955 *Transactions on Microwave Theory and Techniques* 3.6 (Dec. 1955 [T-MTT]): 62-62.

The chief advantage of binary pulse systems resides in the possibility of regenerating such pulses at intervals along the transmission route to prevent the accumulation of distortions due to noise, bandwidth limitations, and other disturbing effects. A very important part of any such transmission system is the regenerative repeater employed. This paper reports the results of experiments performed to determine the possibilities of such a repeater operating in the microwave frequency range.

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