

SERIES 7000 CIRCUIT MEMO #18

SUBJECT: PROPAGATION EFFECTS IN MAGNETIC

MEMORIES

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ABSTRACT: Experiment has shown that a pulse can propagate on a wire in a magnetic memory at a higher rate than would be expected from considerations of wire length and the speed of light. This paper describes the experiments which were done to explain the effect and sets forth the explanation. It also describes experiments done to confirm the theory.

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