

XIII. TRANSISTOR AND DIODE STUDIES*

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RESEARCH OBJECTIVES

This research is aimed at problems of interest in communication systems. Principles of transistor circuit design and practical limitations imposed by available devices are being investigated for circuits useful in a wide variety of applications. At the present time, problems pertaining to variable capacitance modulation are being investigated, with semiconductor diodes used as the modulating elements.

The study of noise in semiconductors is a closely related program.

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