CHAPTER III.
PROBLEMS IN COMMUNICATION

In this chapter on communication we find many information theoretic problems. Perhaps this is as it should be, since information theory yields some of the extreme points of the theory of communication. Extreme cases tend often to be theoretical and therefore to lend themselves to crisp problem formulation.

Two of the problems have been partially solved. Wyner's problem on the spectra of bounded functions has led to the contribution by Boyd and Hajela in the solution section. Also, Abbas El Gamal's problem on reliable communication of highly distributed information has led to a solution by Gallager, ''Computing Parity in a Broadcast Network,'' appearing in Chapter VI.

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