

ROBERT ASH, *Information Theory*. Interscience, New York, 1966. xi + 339 pp.
\$13.50.

Review by J. WOLFOWITZ

Cornell University

This is a textbook for first-year graduate students in mathematics and the physical sciences. It is divided roughly into equal parts on algebraic coding theory and on probabilistic coding. Thus it does not go as far into either subject as the outstanding books, but will give the student an adequate introduction to both subjects. The book has no pretensions to novelty, and does not contain any serious new results or original proofs. The proofs are given in all detail and the material spelled out to make it easy for the student. There are numerous exercises which are often interesting and which will please the teacher and the student. On the level indicated it should prove a very good textbook.