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Sommario/riassunto	Behind the familiar surfaces of the telephone, radio, and television lies a sophisticated and intriguing body of knowledge known as information theory. This is the theory that has permeated the rapid development of all sorts of communication, from color television to the clear transmission of photographs from the vicinity of Jupiter. Even more revolutionary progress is expected in the future.To give a solid introduction to this burgeoning field, J. R. Pierce has revised his well-

received 1961 study of information theory for an up-to-date second edition.