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Sommario/riassunto	Here is your one-stop resource on the essentials of communications systems analysis and simulation. Presented in a straight forward, easy-to-understand manner, the book provides a thorough treatment of all the important fundamental topics such as sampling, frequency analysis, linear systems, and filters. You gain a clear understanding of the real-world effects of computer simulation and learn how to perform efficient bit error rate (BER) calculations and baseband simulations.