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This adapted version of *Modern Digital and Analog Communication Systems*, fourth international edition, is designed as a textbook for students of electrical, electronics, and communication engineering. The primary objective of the book is to provide a

comprehensive coverage of the basic principles of design and analysis

**Definition:** Analog and digital communications are the two types of data transmission system however several factors generate the difference between the two. The major difference between analog and digital communication lies in the signal being transmitted. In analog communication, the message signal is in analog form i.e., continuous time signal.

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