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•A signal is a function of independent variables such as time, distance, position, temperature and pressure. • A signal carries information, and the objective of signal process ing i t t t flif ti idb this to extract useful information carried by the signal. • Signal processing is concerned with the mathematical

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This book presents the fundamentals of discrete-time signals, systems, and modern digital processing and applications for students in electrical engineering, computer engineering, and computer science.The book is suitable for either a one-semester or a two-semester undergraduate level course in discrete systems and digital signal processing.

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