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Continuous signal processing is based on mathematics; signals are represented as equations, and systems change one equation into another. Just as the digital computer is the primary tool used in DSP, calculus is the primary tool used in continuous signal processing. These techniques have been used for centuries, long before computers were developed. [Continuous Signals and Systems with MATLAB \(Electrical ...](#)

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Continuous systems are those types of systems in which input and output signals are the same at both the ends. In this type of system, variable changes with time and any type of variation is not found in the input and output signal. In response to the input signal, a continuous system generates an output signal.

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