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This text discusses the use of digital computers in the real-time control of dynamic systems. The book emphasizes the design of digital controls that achieves good dynamic response and small errors while using signals that are sampled in time and quantized in amplitude. Both transform-based and state-based classical and modern control methods are described and applied to illustrative examples.

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<http://www.digitalcontroldynsys.com/> DIGITAL CONTROL OF DYNAMIC SYSTEMS. By Gene F. Franklin, J. David Powell, and Michael Workman. 3rd ed, 1998, Addison-Wesley, ISBN: 0-201-82054-4, acquired by Prentice-Hall, but now out of print. Replaced by Ellis-Kagle Press: ISBN: 0-9791226-0-0 or ISBN13: 978-0-9791226-0-6.

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Multiple Choice Questions and Answers on Control Systems Multiple Choice Questions and Answers By Sasmita January 9, 2020 1) Which terminology deals with the excitation or stimulus applied to the system from an external source for the generation of an output?

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