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Notes for Discrete-Time Control Systems (ECE-520) Fall 2010 by R. Throne The major sources for these notes are Modern Control Systems, by Brogan, Prentice-Hall, 1991. Discrete-Time Control Systems, by Ogata.

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Such a discrete-time control system consists of four major parts: 1 The Plant which is a continuous-time dynamic system. 2 The Analog-to-Digital Converter (ADC). 3 The Controller (μP), a microprocessor with a □real-time□ OS. 4 The Digital-to-Analog Converter (DAC). 3 + □ r(t) e(t) ADC μP DAC u(t) Plant ? ? y(t) 4

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Name: Discrete-Time Control Systems (2nd Edition) Author: Katsuhiko Ogata. ISBN-13: 9780130342812. Pub Date: 1995. Publisher: Prentice Hall. File name: textbookISBN_9780130342812. File size: 199 MB. File type: Self-Extracting ZIP file with PDF inside. Uploaded: March 12, 2016.

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