ELEN 4320 / EECE 5320 – Digital Control Systems

Fred J. Frigo, Ph.D.
Spring 2017

Summary:

Review of sampling processes, discrete time linear systems analysis and z-transform. Discrete time and sampled data state-variable analysis. Stability analysis, time domain and frequency-domain analysis and design. Analysis, design and computer implementation of digital algorithms and control systems.

Location & Schedule:
Class meets Tuesdays & Thursdays: 5:30pm-6:45pm
Hagerty Engineering Hall - Room 140

Midterm Exam: Thursday, March 9, 2017
Final Exam: Tuesday, May 9, 2017 5:45pm-7:45pm

No class – Spring Break – Tuesday and Thursday, March 14-16, 2017
No class – Easter Break – Thursday, April 13, 2017

Grading:
Homework and Projects: 60%
Mid-term exam: 20%
Final exam: 20%

Required Text:

ISBN-10: 0133286428

Office Hours:
After class or by appointment – Hagerty Hall – Room 215

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