

Control Theory with Applications to Accelerators

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Our talk attempted to serve as an introduction to important concepts of modern control theory; it was tutorial in nature. The following references should be interesting to those who want to expand their understanding of modern control theory concepts.

- (1) Franklin, Powell, Naeini, "Feedback Control of Dynamic Systems," Addison Wesley
- (2) Franklin, Powell, Workman, "Digital Control of Dynamic Systems," Addison Wesley
- (3) Kailath, "Linear Systems," Prentice Hall
- (4) Kailath, "Lectures on Wiener and Kalman Filtering", Springer Verlag
- (5) Bertsekas, "Dynamic Programming," Prentice Hall
- (6) Meditch, "Optimal Linear Filtering and Stochastic Control," Prentice Hall
- (7) Hindi, "Control Theory with Application to Accelerators," lecture notes, US Particle Accelerator School, Duke University, January 1994.