Theory of Electromechanical Energy Conversion

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1 Introduction.

This lecture covers the topic regarding the adaptive control. In particular we will focus on *Model Reference Adaptive Control* in which a reference model is taken as benchmark and a defined set of parameters are adapted in order to keep the answer of the system close to the reference one. Most of the material presented here is taken from [**G. Tao 2003**], [**P.A. Ioannou 2012**] and [**J.J.E. Slotine 1991**].

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