



Seminar

Systems and Control Group - CIDMA

26 de maio de 2022, 14h15

Departamento de Matemática, Universidade de Aveiro
Sala Sousa Pinto

On the state-space realization of periodic siso behaviors

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Abstract

This lecture addresses the realization of linear periodic siso behaviors. Given a periodic behavior, we obtain its lifted time-invariant version and construct a behavioral time-invariant (state-space) realization of the lifted behavior. Finally, we recover a periodic (state-space) realization of the periodic behavior based on the obtained time-invariant realization.

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