

Examples of Parameterization of Stabilizing Controllers with One-Side Coprime Factorization

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Abstract : Examples of parameterization of stabilizing controllers that require only one of right-/left-coprime factorizations are presented. One parameterization method requires one side coprime factorization. The other requires no coprime factorization. The methods are based on the factorization approach so that a number of models can be applied the method we use in this paper.

Keywords : parametrization, coprime factorization, factorization approach, linear systems

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