论文

A NEW CHARACTERIZATION OF FIXED MODES FOR DECENTRALIZED CONTROL SYSTEMS

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摘要　　In this paper, a study of the characterization of fixed modes in decentralized control is made. A new sufficient and necessary condition for the existence of fixed modes is obtained by means of the generalized eigenvalue theory of matrix pairs, and the computability of the new condition is presented. The results show that fixed modes can be computed in a reliable and efficient manner.

关键词　　Decentvalized control, Fixed mode, Matre

分类号

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Key words　　Decentvalized control　　Fixed mode　　Matrex pair　　Generalized eigenvalue　　Yegulavity

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