

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 [Decentralized control](#), [Fixed mode](#), [Matre](#)

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Key words [Decentralized control](#) [Fixed mode](#) [Matrex pair](#) [Generalized eigenvalue](#) [Yegulavity](#)

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