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Cycles Containing a Given Arc in Regular Multipartite Tournaments

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摘要 In this paper we prove that if T is a regular n -partite tournament with $n \geq 6$, then each arc of T lies on a k -cycle for $k=4,5,\dots,n$. Our result generalizes theorems due to Alspach[1] and Guo~[3] respectively.

关键词 [multipartite tournaments](#) [cycle](#)

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Key words [multipartite tournaments](#) [cycle](#)

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