

Pancyclicity of k -traceable oriented graphs

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An oriented graph is k -traceable if each of its induced subdigraphs of order k is traceable. Obviously, an oriented graph is 2-traceable if and only if it is a tournament. Thus, for $k \geq 3$, k -traceable oriented graphs are natural generalizations of tournaments. It is known that every nontrivial strong tournament is pancyclic.