
CHUNHUI LAI, Minnan Normal University

On Hajós conjecture

Hajós conjectured that every simple even graph on n vertices can be decomposed into at most $n/2$ cycles (see L. Lovasz, On covering of graphs, in: P. Erdos, G.O.H. Katona (Eds.), Theory of Graphs, Academic Press, New York, 1968, pp. 231 - 236). The survey article on this problem can be found in Chunhui Lai, Mingjing Liu[Some open problems on cycles, Journal of Combinatorial Mathematics and Combinatorial Computing 91 (2014), 51-64.] We do not think Hajós conjecture is true.