

AN ERDŐS-LOVÁSZ-SPENCER THEOREM FOR PERMUTATIONS AND ITS CONSEQUENCES FOR
PARAMETER TESTING

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The classical theorem of Erdős, Lovász and Spencer [Strong independence of graphcopy functions, Graph Theory and Related Topics, Academic Press (1979), 165–172] asserts that the densities of connected subgraphs in large graphs are independent. We prove an analogue of this theorem for permutations and apply the methods used in its proof to give an example of a permutation parameter that is both bounded and testable, but not finitely forcible.

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