

COMBINATORICS
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On highly connected monochromatic subgraphs

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Abstract: In the talk we shall verify in the affirmative the following conjecture of Bollobás and Gyárfás:

If $n \geq 4k - 3$ then each 2-edge coloring of K_n contains a monochromatic k -connected subgraph on at least $n - 2k + 2$ vertices.

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