

COMBINATORICS
SEMINAR

Maximising copies of H in clique-free graphs

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Abstract: Let H be a graph. We show that if r is large enough as a function of H , then the r -partite Turán graph maximizes the number of copies of H among all K_{r+1} -free graphs on a given number of vertices. This confirms a conjecture of Gerbner and Palmer. This is joint work with JD Nir, Sergey Norin, Pawel Rzazewski, Alexandra Wesolek.

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MATHEMATICS
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