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A proof of the Erdős–Faber–Lovász conjecture

The Erdős-Faber-Lovász conjecture (posed in 1972) states that the chromatic index of any linear hypergraph on n vertices is at most n . We prove this conjecture for sufficiently large n . Joint work with Dong Yeap Kang, Daniela Kühn, Abhishek Methuku, and Deryk Osthus.