Triple systems with high minimum degree are Hamiltonian.

Andrzej Ruciński A. Mickiewicz University, Poznań, Poland and Emory University, Atlanta

Abstract

In this paper we show that every triple system with minimum degree at least $\left(\frac{5-\sqrt{5}}{3}+\gamma\right)\binom{n-1}{2}$ contains a tight Hamiltonian cycle. This is joint work with Vojta Rödl.