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Graphons with minimum clique density

Among all graphs of given order and size, we determine the asymptotic structure of graphs which minimise the number of r -cliques, for each fixed r . In fact, this is achieved by characterising all graphons with given density which minimise the K_r -density. The case $r = 3$ was proved in 2016 by Pikhurko and Razborov. This is joint work with H. Liu, J. Kim, and O. Pikhurko.