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Spanning bounded-degree tight k-trees

A k-graph is a tight k-tree if its edges can be ordered such that the following holds for all edges e except the first: e has a vertex v which is not in any previous edge, and $e \setminus \{v\}$ is contained in some previous edge. We determine asymptotically-optimal codegree conditions which ensure the containment of all spanning bounded-degree tight k-trees. This generalises a well-known result of Komlós, Sárközy and Szemerédi. Joint work with Matías Pavez-Signé and Maya Stein.