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Packing Tree Factors in Random and Pseudo-Random Graphs

For a fixed graph H with t vertices, an H -factor of a graph G with n vertices is a collection of vertex disjoint (not necessarily induced) copies of H in G covering all vertices of G . We prove that certain pseudo-random and random graphs may have almost all of their edges covered by a collection of edge disjoint H -factors in the case where H is a tree.

Joint work with Alan Frieze, Michael Krivelevich and Po-Shen Loh.