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Alexander D Scott* (scott@maths.ox.ac.uk). *Intersections of graphs.*

Let G and H be two graphs of order n . If we place copies of G and H on a common vertex set, how much or little can they be made to overlap? We provide some results on this question, and pose a number of related problems. Along the way, we solve a conjecture of Erdős, Goldberg, Pach and Spencer. This is joint work with Béla Bollobás. (Received February 04, 2008)