



Seminar/Talk

The crossing number conundrum

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Host: Matthew Kwan

The crossing number $cr(G)$ of a graph G , is defined as the smallest number of crossing points between the edges of G in the best drawing of G in the plane. There is another, equally natural, parameter: the pair-crossing number, denoted by $pair-cr(G)$. This is the smallest number of crossing pairs of edges in an optimal drawing. Obviously, we have $pair-cr(G) \leq cr(G)$, for every graph G . But are these two numbers always equal?

Tuesday, March 10, 2026 04:00pm - 05:00pm
Raiffeisen Lecture Hall, Central Building



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