planetmath.org

Math for the people, by the people.

crossing number

Canonical name	CrossingNumber
Date of creation	2013-03-22 13:20:34
Last modified on	2013-03-22 13:20:34
Owner	bbukh (348)
Last modified by	bbukh (348)
Numerical id	5
Author	bbukh (348)
Entry type	Definition
Classification	msc 05C10
Related topic	PlanarGraph

The *crossing number* $\mathrm{cr}(G)$ of a `http://planetmath.org/Graph`graph G is the minimal number of crossings among all embeddings of G in the plane.