



## Conferencia

por

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título

### “Enumerating All Good Drawings of Small Complete Graphs”

**Abstract:**

Good drawings (also known as simple topological graphs) are drawings of graphs such that any two edges intersect at most once. Such drawings have attracted attention as generalizations of geometric graphs, in connection with the crossing number, and as data structures in their own right. We are in particular interested in good drawings of the complete graph. In this work, we describe our techniques for generating all different weak isomorphism classes of good drawings of the complete graph for up to nine vertices. In addition, all isomorphism classes were enumerated. As an application of the obtained data, we present several existential and extremal properties of these drawings.

**Fecha:** Martes, 23 de junio de 2015

**Hora:** 12:00 horas

**Lugar:** Aula 11, Edificio de Matemáticas