

1014-05-1042      **Sue Whitesides\*** ([sue@cs.mcgill.ca](mailto:sue@cs.mcgill.ca)), School of Computer Science, McGill University, 3480 University St. #318, Montreal, Quebec H3A 2A7, Canada. *On Visibility Representations of Graphs.*

Geometric objects in space give rise to graphs whose edges represent visibilities between these objects. When visibilities have 0 length, the relationship between objects becomes one of touching. We consider the expressive power of the visibility relationship to represent graphs. (Received September 27, 2005)