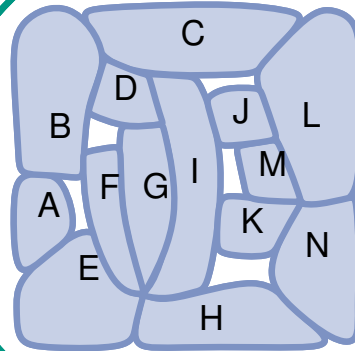


On the Relationship between Map Graphs and Clique Planar Graphs



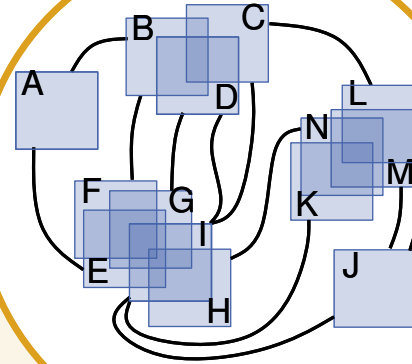
Map graphs

contact graphs of internally-disjoint connected regions of the plane



Clique planar graphs

graphs admitting intersection-link representations with no intersecting link-edges



Map

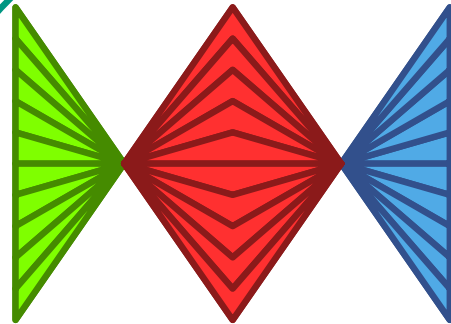
H

Clique

G

K

**Map graph
but not
clique planar**



Theorem

Map Graphs $\not\subseteq$ Clique Planar Graphs \wedge
Clique Planar Graphs $\not\subseteq$ Map Graphs

**Clique planar
but not
map graph**

