

Generazlized Maps

GMap (M)

$$M = (D, \sigma, \alpha)$$

σ = assigns the node ids

α = clockwise induced fixed point-free involutions from the collection of edges (aka orbits of length 2)

Two widely used permutations on D include a set of n involutions with no fixed-point (σ) & a set of permutation list of half-edges (α)

σ allows one to retrieve vertices

α allows one to retrieve

A-frame
house
object

