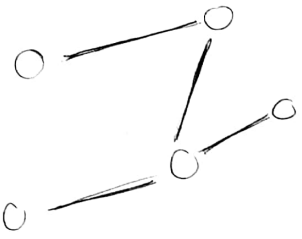
if view as mobile network

ants = traffic , nodes = datacenters

increase Quality → say where bandwidth should go



productivity = amount of data transported

incr. size of datacenter → nr of ants

5. - each ant colony by itself (indep pheromones)

- all ant colonies by same pheromones (global)

→ to introduce dynamic Quality

given network

orig with weights same qual

(Olivia said it's OK)

evtl change ⟹ only parameter is ant redistr. one local, one global

global strategies

I. allocate to any

II. to near

III. stay at a food source

2 are fine ← Olivia said it's ok

achieve more general result with diff. graphs. } this static gives sth. also measure.

- based edge distr.
- small worlds etc.
- euclidian ?

each colony own pheromones!

. each one starts with same # of ants