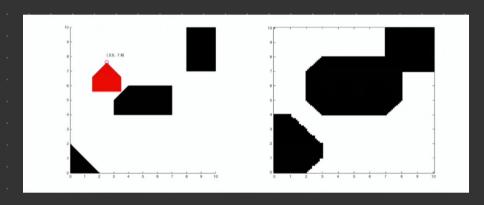


Configuration Space

Set of all configurations a sobot con attain => Configuration Space

Region a sobob cannot go to a called configuration space obstacle

Comprises of a comparison Robot



So path planning essentially involves the configuration space avoiding configuration space obstocles.

Visiblity Gooph

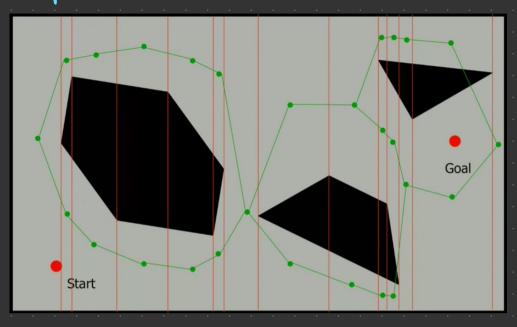
Dean edge blu any two vestices that can be connected by strangent line entirely inforce space.

La Then use Dijastons (A)

Leads to Can be solved by assuming so bot to be beajectory going very - Can be solved by assuming so bot to be close to obstacles hope than it actually is to keep a larger close to obstacles are margin as the config. space obstacles are inflated.

sapezoidal Decomposition

Divide into subposts as follows:



Practically obstacles asont explicit, implicit objects are given by collission detection function