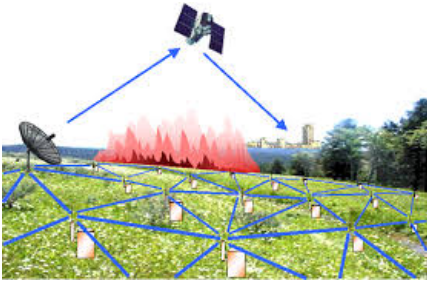


Multi-Variable Agent Decomposition for DCOPs



Distributed sensor allocation



Distributed vehicle routing

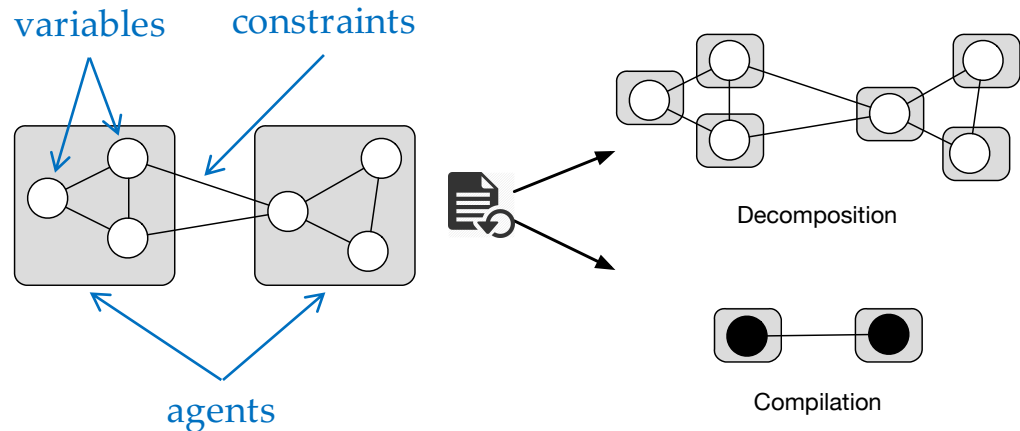


Cloud computing

Can we apply DCOPs to large complex problems?

Major challenges:

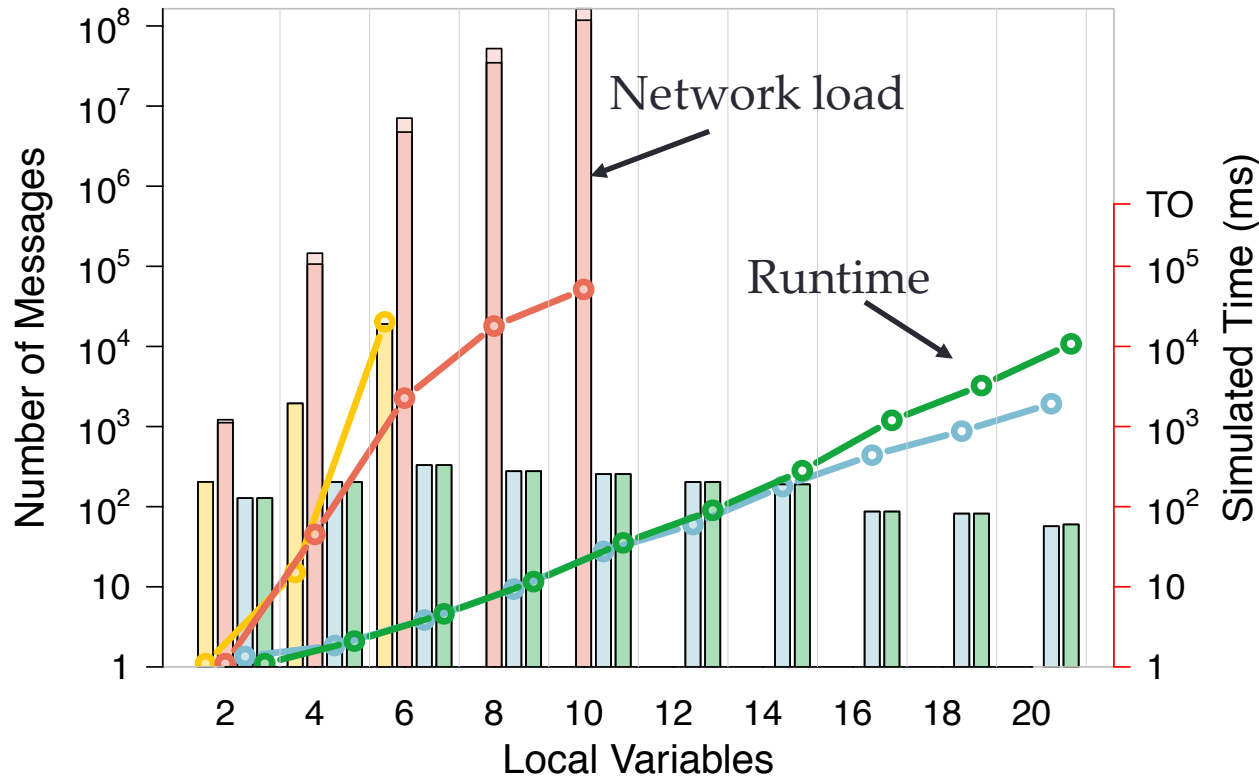
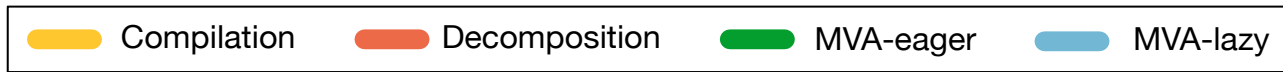
1. Agent capabilities
2. Model expressiveness



Multi-Variable Agent Decomposition for DCOPs

Main Result:

- Smaller network load
- Smaller runtime



Do you wish to know how?

paper #41

Poster Session
6:30pm