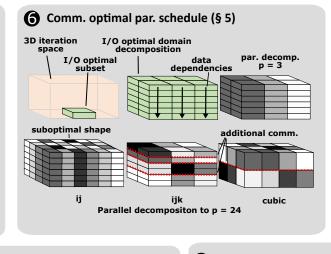
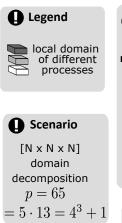
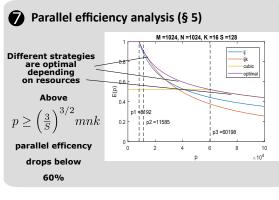


Number of

subsets







Communication Optimization



Legend

Scenario

S = 2 RPs

We consider

a CDAG with:

subset in S-partition



dominator minimum set set



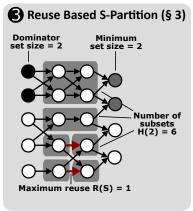
Find smallest 2S-Partition: H(4) = 2

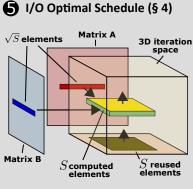
lower bound: $Q \ge S(H(4) - 1)$ $Q \ge 2$

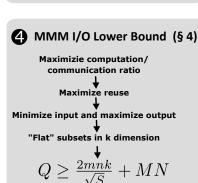
Objective Find smallest

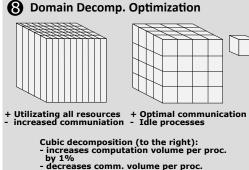
S-Partition: H(2) = 6lower bound:

 $Q \ge (S - R(S))(H(2) - 1)$ $Q \ge 5$













by 36%

