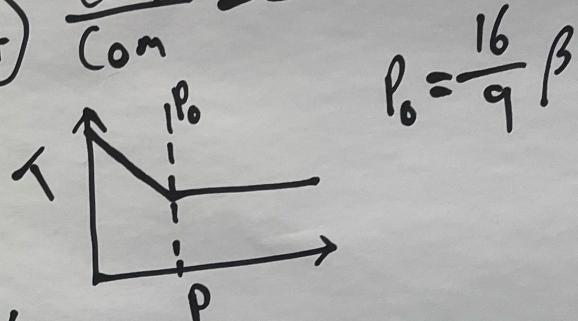


1. Early SC's had some variation. That is there were all 4 kinds of Flynn's taxonomy. But overtime MIMD has clearly taken over. Thus programs have to be highly parallelizable to take full use of SC's.

$$\textcircled{4} \quad \frac{\text{Comp}}{\text{Com}} = 1$$



\textcircled{2}

- Topology: Dragonfly +

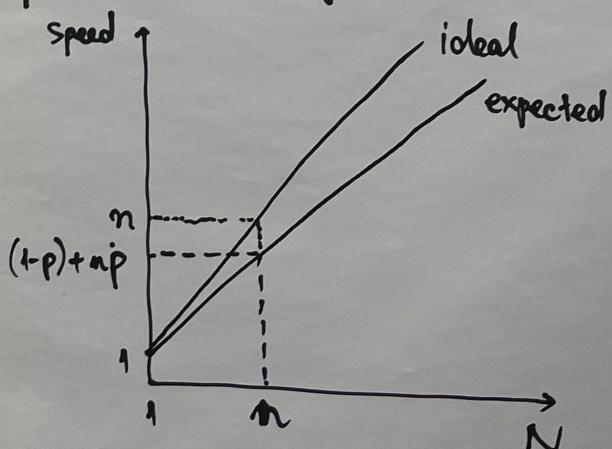
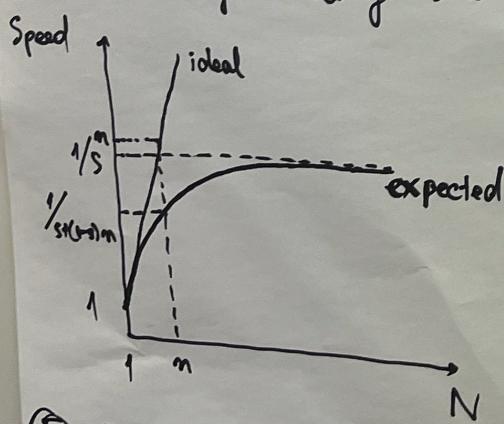
→ multiple groups (using fat trees internally) and connected to each other using all-to-all links,

- Connection type: Mellanox HDR InfiniBand

- Bandwidth: 200 Gbit/s

\textcircled{3}

- Strong Scaling: S is the serial prop. - Weak scaling: p is fixed prop. of work/case



\textcircled{5} For writing Efficient Code for SC's