

Broadcast

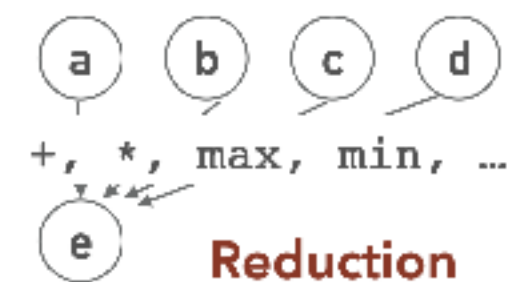
Scatter

Allreduce (Sum)

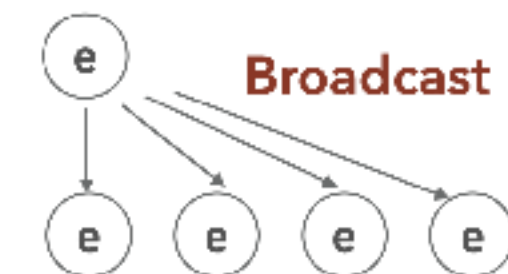
Broadcast

Reduction (sum)

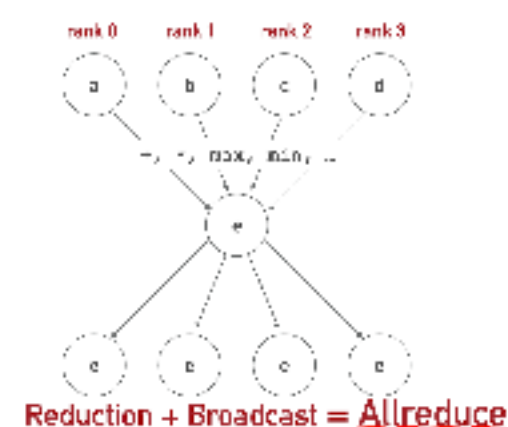
Reduction



Reduction

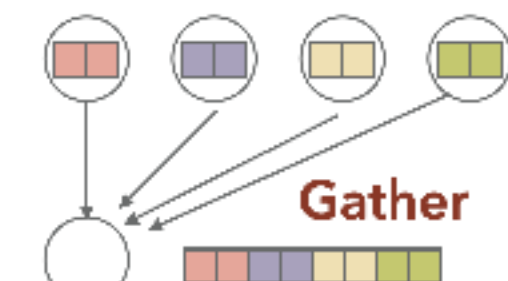


Broadcast

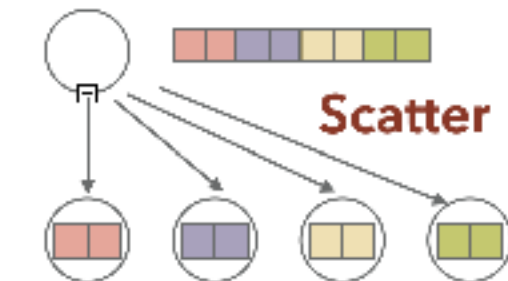


Reduction + Broadcast = Allreduce

Gather



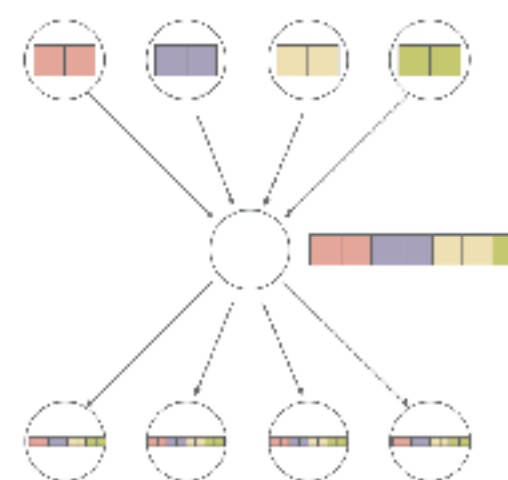
Gather



Scatter

Scatter

Allgather



Gather + Scatter = Allgather

