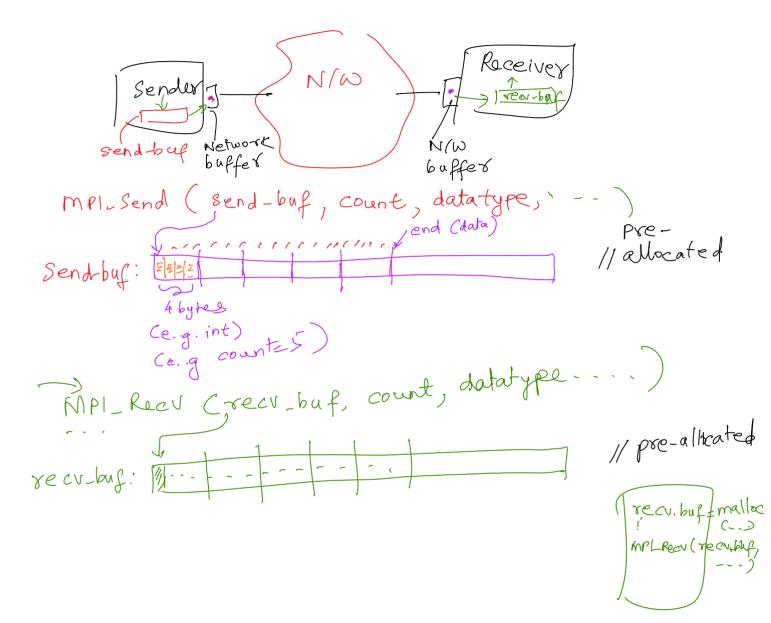
MPI

Thursday, September 13, 2018 11:58 AM

## Point - to Point Communication :

Buffer structure



MPI: Hockney model Thursday, September 13, 2018 11:59 AM Network Communication. Hockney Model'. (C: latency (time) cost of "setting up" a connection p: inverse of the N/W bandwidth Sees type Hbytes type Hbytes Cost of transferring each byte Sees/ byte T(n, p) : Computation Complexity + communication complexity by fes (payload) Communication Complexity: Tomm. = C+ Mm latency transfex Fine C + (8lope) 2 stope = | = 1 bandwidth

