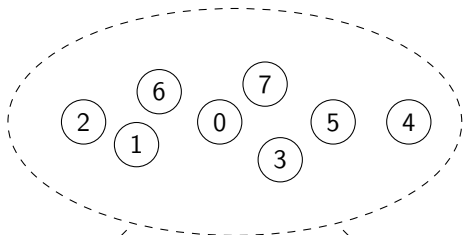
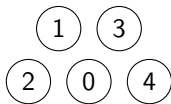


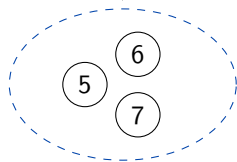
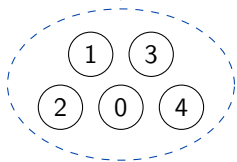
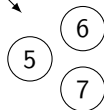
MPI_COMM_WORLD



Group 1



Group 2



MPI Communicator (Group1)

MPI Communicator (Group2)