

Figure 2.5: A blocked data layout for a bitonic sorting network for 16 elements on 4 processors. The shading of the nodes reflects the allocation onto the processors. Black arcs indicate remote communication, while grey arcs indicate local accesses.

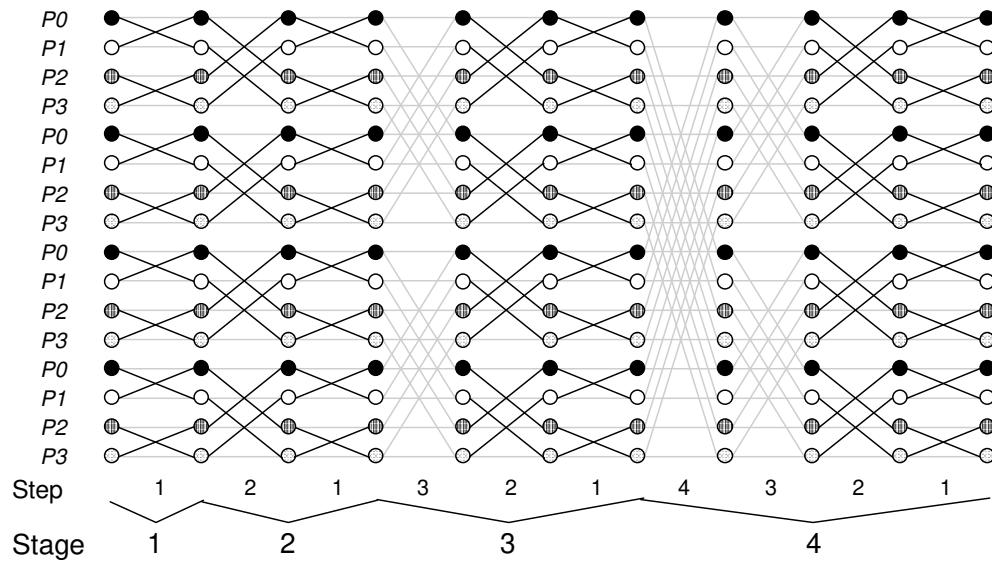


Figure 2.6: A cyclic data layout for a bitonic sorting network for 16 elements on 4 processors. The shading of the nodes reflects the allocation onto the processors. Black arcs indicate remote communication, while grey arcs indicate local accesses.