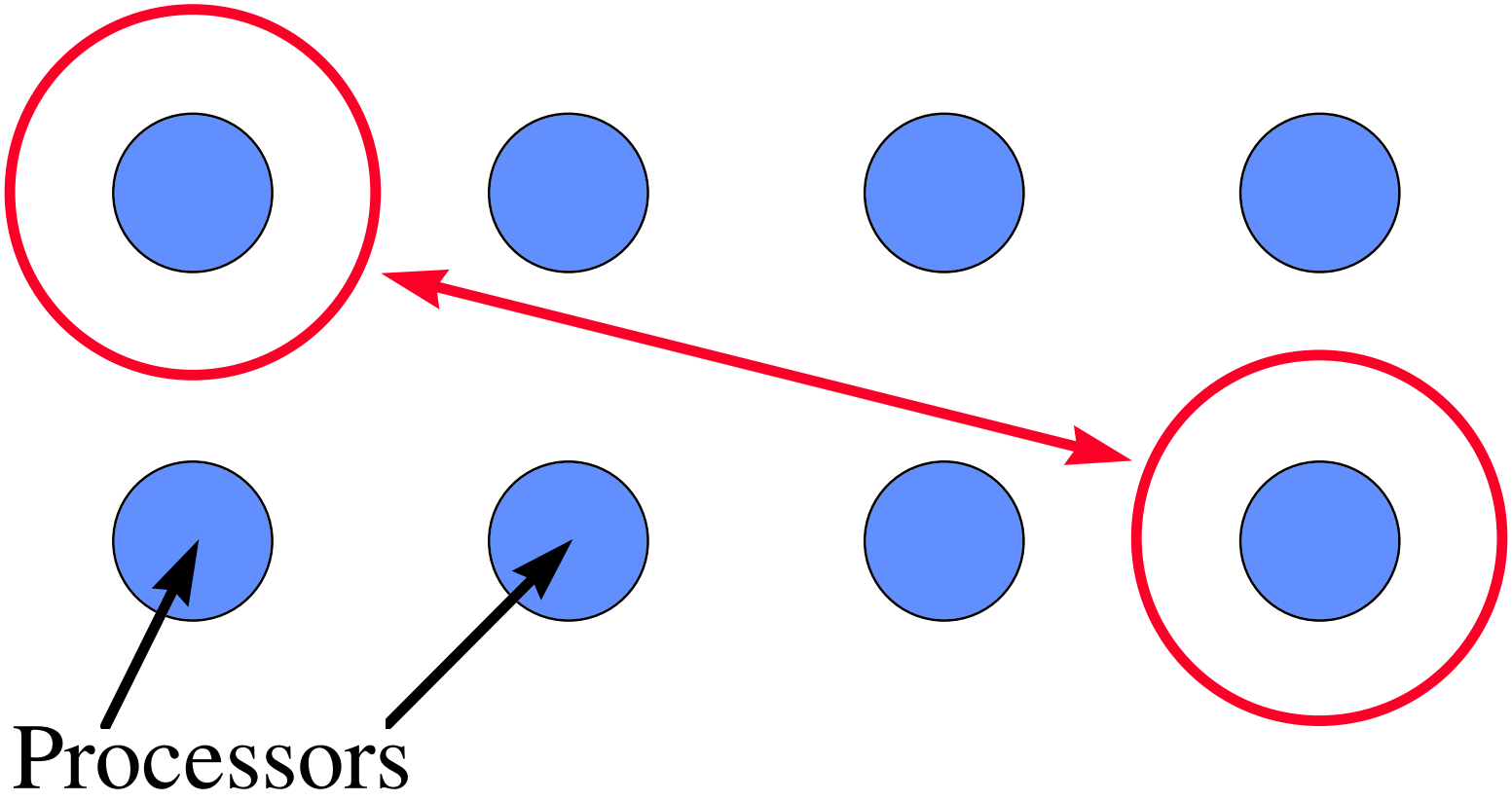Fig 1(a) Traditional MPI/HPF Data Movement Model