#1) FOR I = 1 to n
      FOR J = 1 to n
           A[I, J] = A[I+1, J-1] + 1
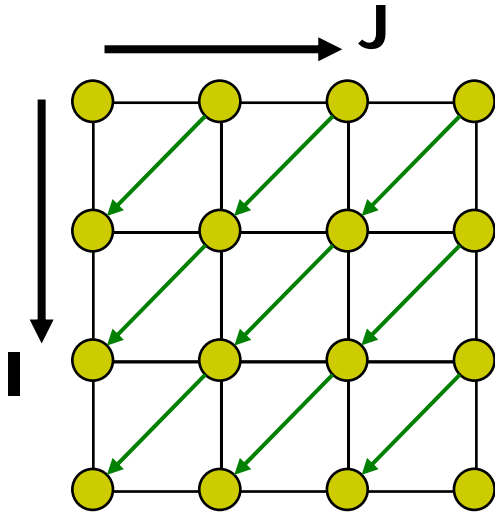
#3) FOR I = 1 to n
      FOR J = 1 to n
           A[I, J] = A[J, I]
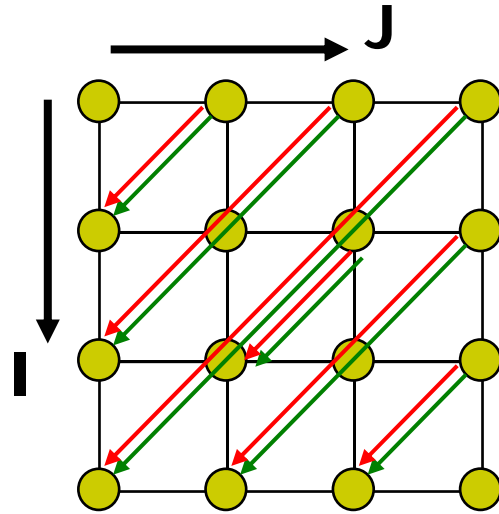
#2) FOR I = 1 to n
   **FOR J = 1 to n**
           B[J] = B[J-1]
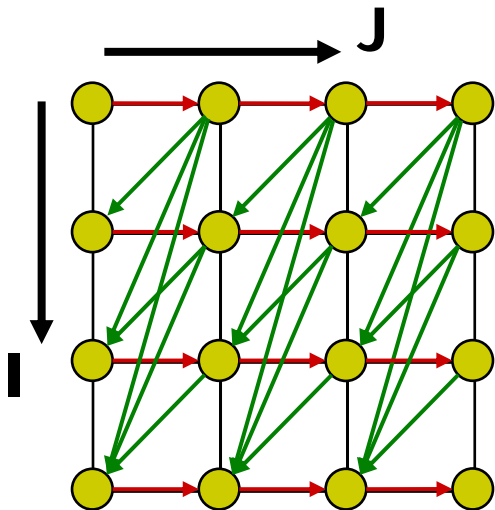
green arrows indicate **anti** dependences and **red** arrows indicate **flow** dependences.