

B[Is..Ie, Js..Je]

B[I, J] \rightarrow M[K] ?

B : ARRAY[0..3, 1..6] (CodeOptimization.ppt, p.6)

[0, 1]	[0, 2]	[0, 3]	[0, 4]	[0, 5]	[0, 6]
[1, 1]	[1, 2]	[1, 3]	[1, 4]	[1, 5]	[1, 6]
[2, 1]	[2, 2]	[2, 3]	[2, 4]	[2, 5]	[2, 6]
[3, 1]	[3, 2]	[3, 3]	[3, 4]	[3, 5]	[3, 6]

Row-major:

K = (I – Is) * (Je – Js + 1) + (J – Js + 1);

(* (Je – Js + 1)為 column 之 size *)

K = K -1; (* memory 從 0 開始放東西 *)

Column-major:

K = (J – Js) * (Ie – Is + 1) + (I – Is + 1);

(* (Ie – Is + 1)為 row 之 size *)

K = K -1; (* memory 從 0 開始放東西 *)