Column Major Mapping

- Here the elements of array are stored in column by column

A

	0	1	2	3
0	A_{00}	A_{01}	A_{02}	A_{03}
1	A_{10}	A_{11}	A_{12}	A_{13}
2	A_{20}	A_{21}	A_{22}	A_{23}

0	1	2	3	4	5	6	7	8	9	10	11
A_{00}	A_{10}	A_{20}	A_{01}	A_{11}	A_{21}	A_{02}	A_{12}	A_{22}	A_{03}	A_{13}	A_{23}

A
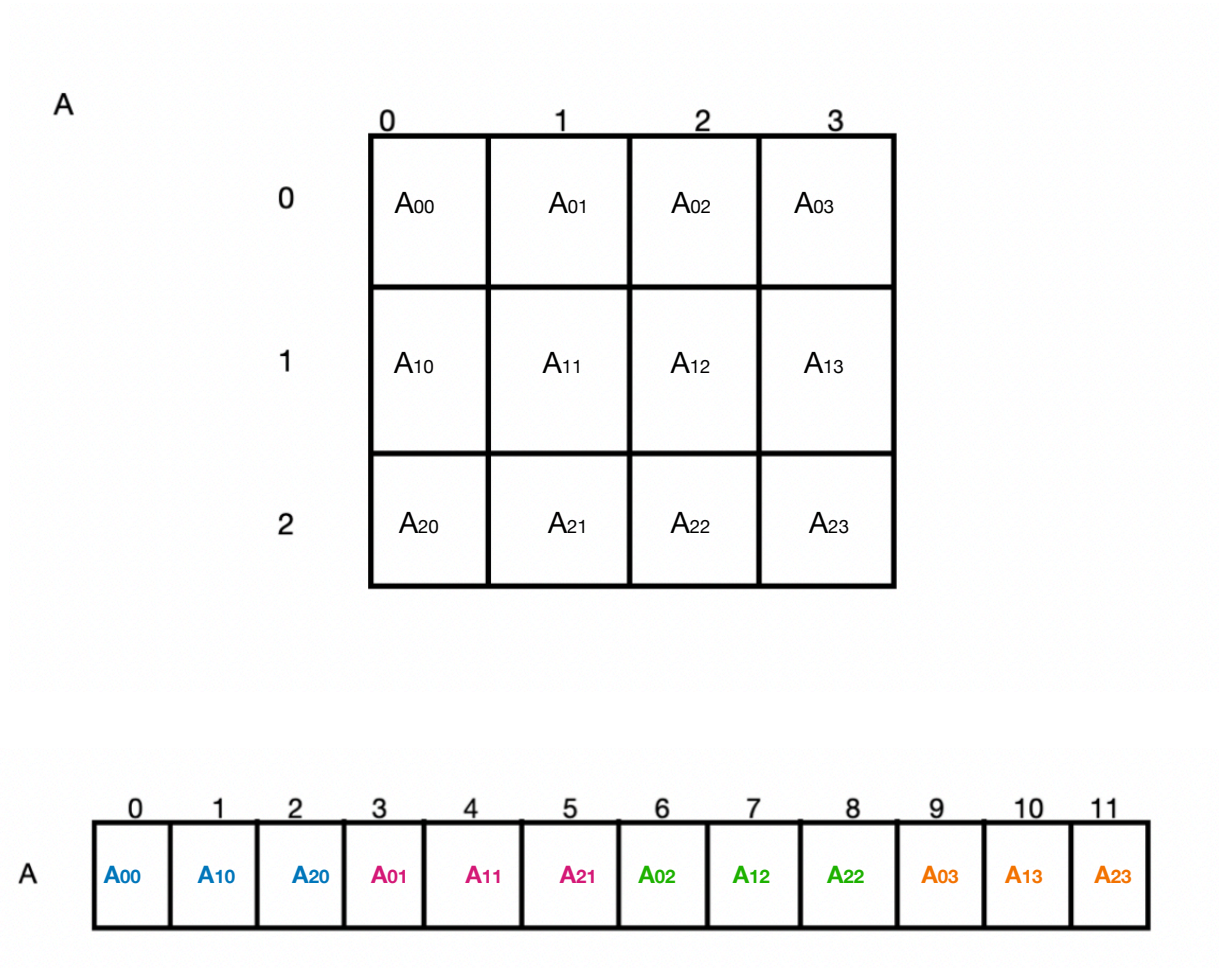
- The formula for obtaining address for each element is

$$\text{Add} (A[i][j]) = L_0 + [i * m + j] * w$$