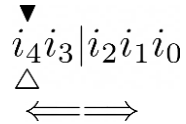


Butterfly Stage



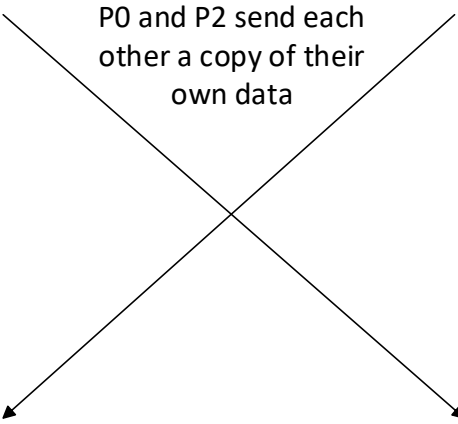
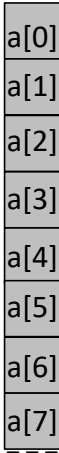
Global Address of $a[m]$

$m = i_4 i_3 i_2 i_1 i_0$

$|i_4 i_3 | i_2 i_1 i_0$

$P_{00} = P_{i_4 i_3}$

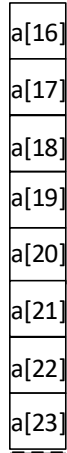
|00|000
|00|001
|00|010
|00|011
|00|100
|00|101
|00|110
|00|111



P0 and P2 send each other a copy of their own data

$P_{10} = P_{i_4 i_3}$

$|i_4 i_3 | i_2 i_1 i_0$



|10|000
|10|001
|10|010
|10|011
|10|100
|10|101
|10|110
|10|111