

A B C

Core 1

 $A_{11} A_{12} A_{13} A_{14}$ $A_{21} A_{22} A_{23} A_{24}$ $A_{31} A_{32} A_{33} A_{34}$ $A_{41} A_{42} A_{43} A_{44}$

Core 2

 \times $B_{11} B_{12} B_{13} B_{14}$ $B_{21} B_{22} B_{23} B_{24}$ $B_{31} B_{32} B_{33} B_{34}$ $B_{41} B_{42} B_{43} B_{44}$ $=$

Core 1

 $C_{11} C_{12} C_{13} C_{14}$ $C_{21} C_{22} C_{23} C_{24}$ $C_{31} C_{32} C_{33} C_{34}$ $C_{41} C_{42} C_{43} C_{44}$

Core 2