

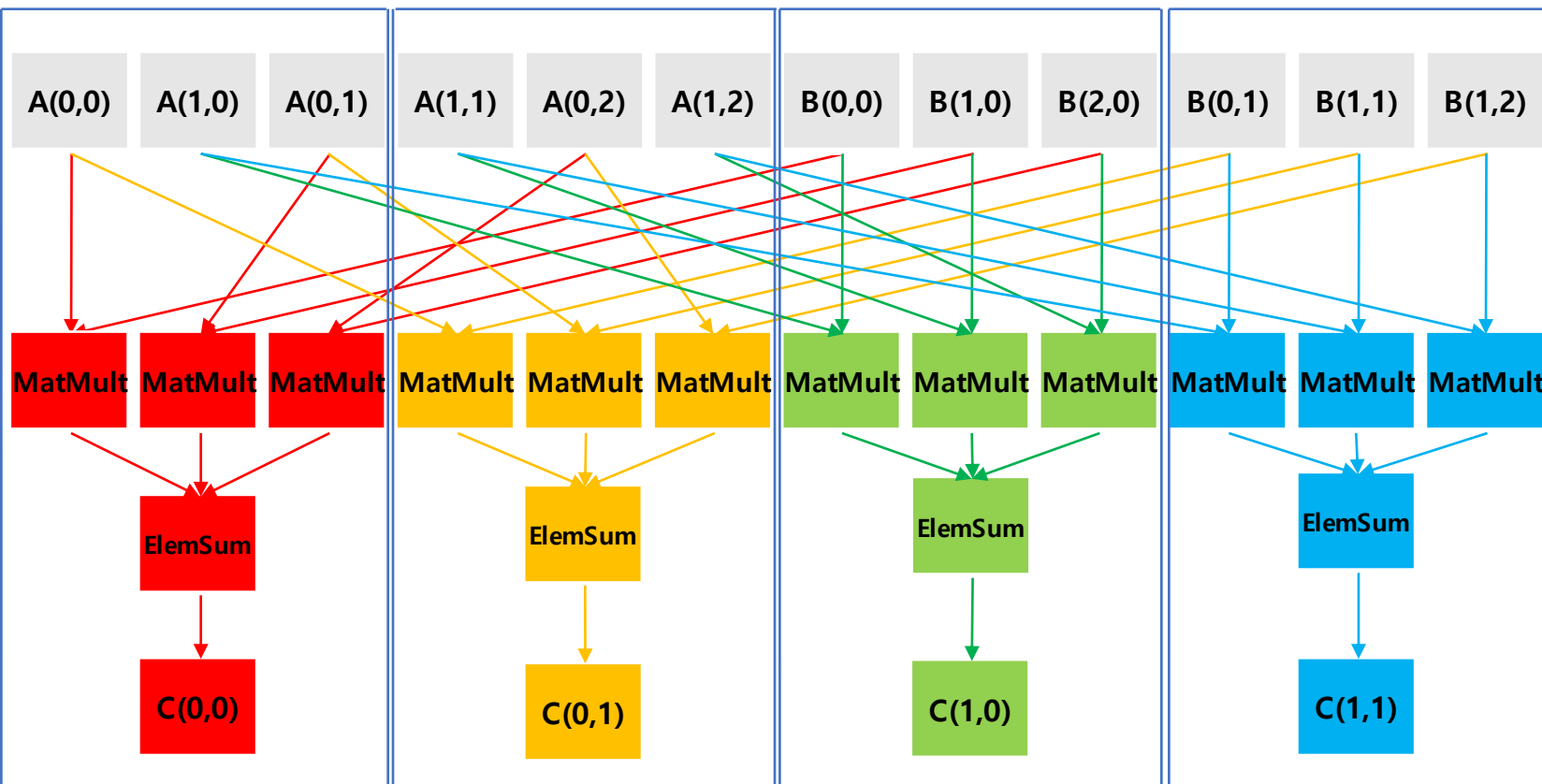
A(0,0)	A(0,1)	A(0,2)
A(1,0)	A(1,1)	A(1,2)

×

B(0,0)	B(0,1)
B(1,0)	B(1,1)
B(2,0)	B(1,2)

=

C(0,0)	C(0,1)
C(1,0)	C(1,1)



Block Partition

*Cogroup
(network, **Shuffle**)*

*Product
(I/O read from Spark
local dir, **Compute**)*

*Element-wise addition
(**Compute**)*

Worker-1

Worker-2

Worker-3

Worker-4