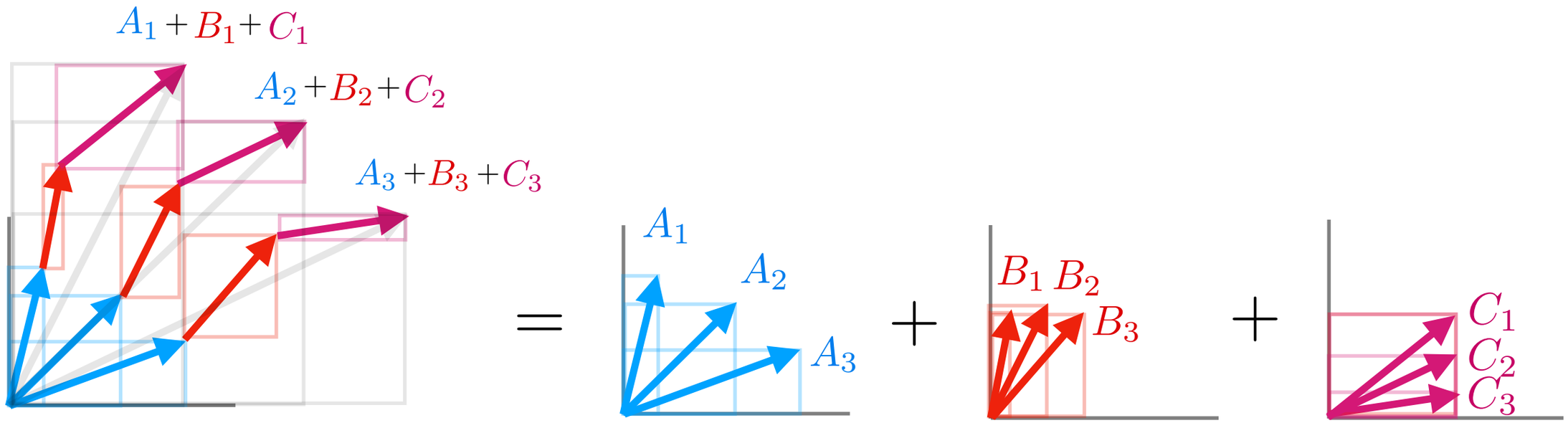
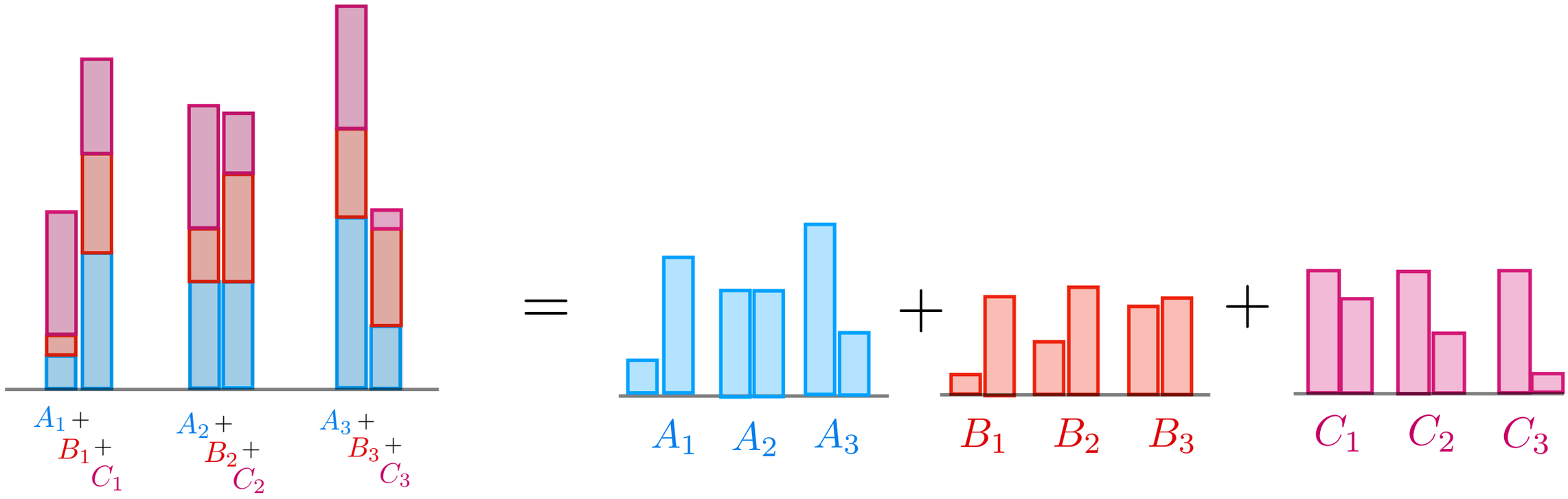
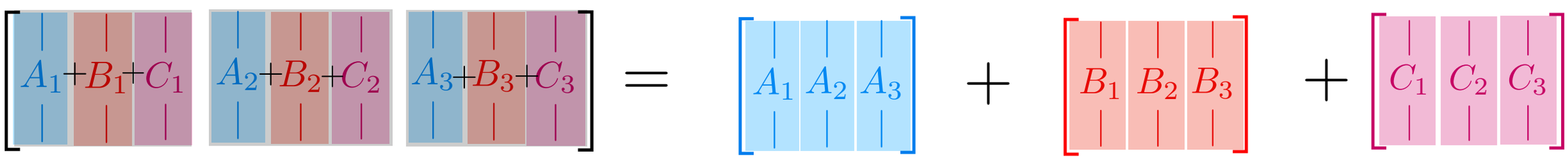
Matrix Addition

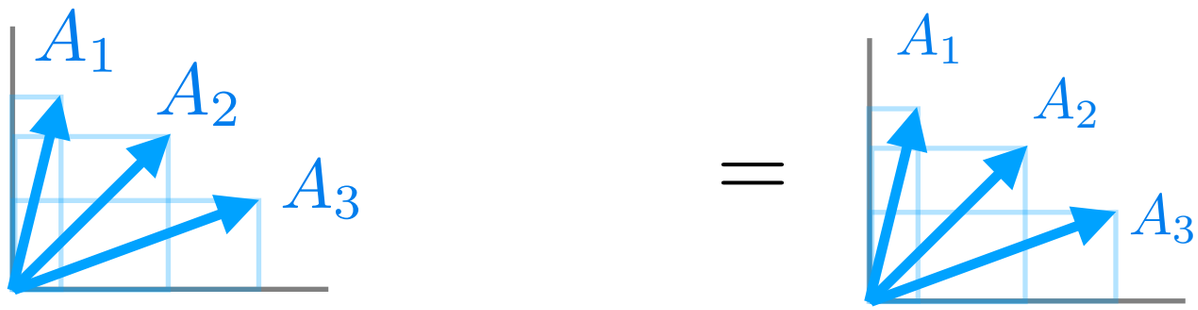
Column Geometry

Dan Calderone


$A_1 + B_1 + C_1$
$A_2 + B_2 + C_2$
$A_3 + B_3 + C_3$
=
A_1
A_2
A_3
+
B_1 B_2
B_3
+
C_1
C_2
C_3

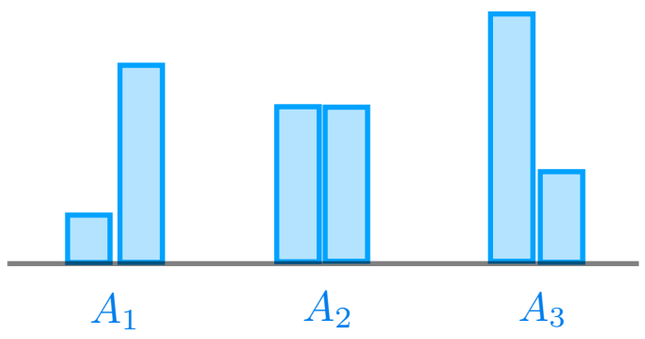

$A_1 + B_1 + C_1$
$A_2 + B_2 + C_2$
$A_3 + B_3 + C_3$
=
A_1 A_2 A_3
+
B_1 B_2 B_3
+
C_1 C_2 C_3


$A_1+B_1+C_1$
$A_2+B_2+C_2$
$A_3+B_3+C_3$
=
A_1 A_2 A_3
+
B_1 B_2 B_3
+
C_1 C_2 C_3

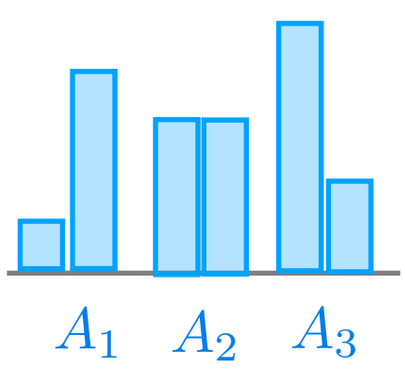

A_1
A_2
A_3

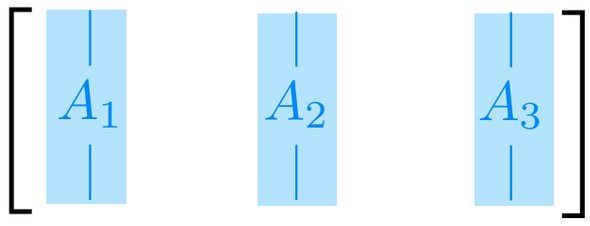
$=$

A_1
A_2
A_3

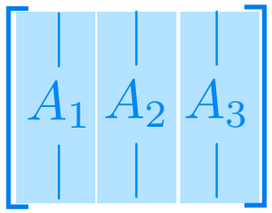

A_1
A_2
A_3

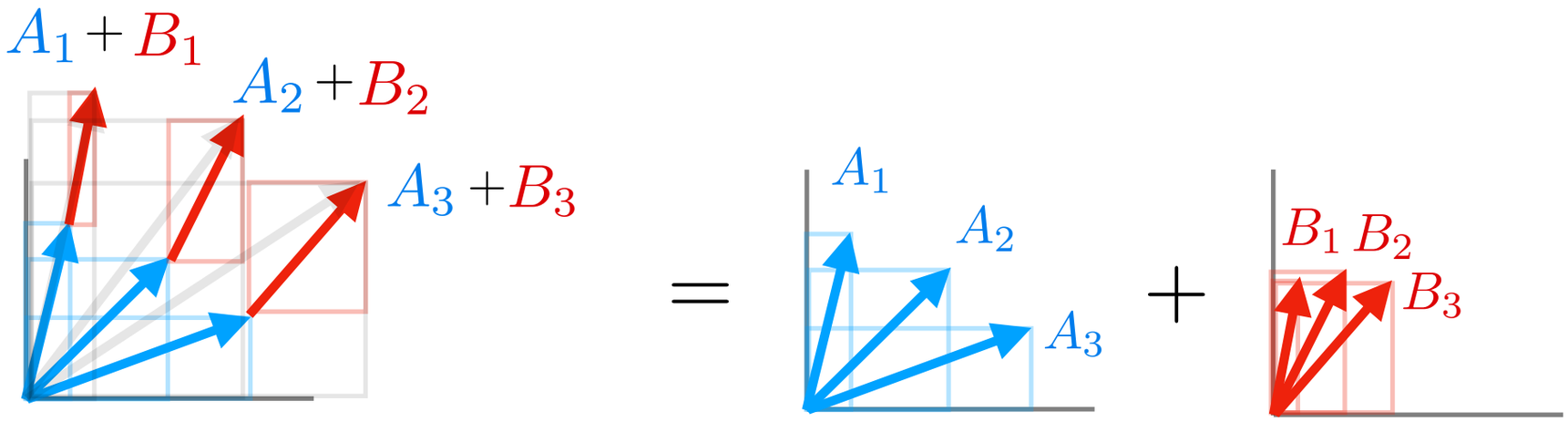
$=$

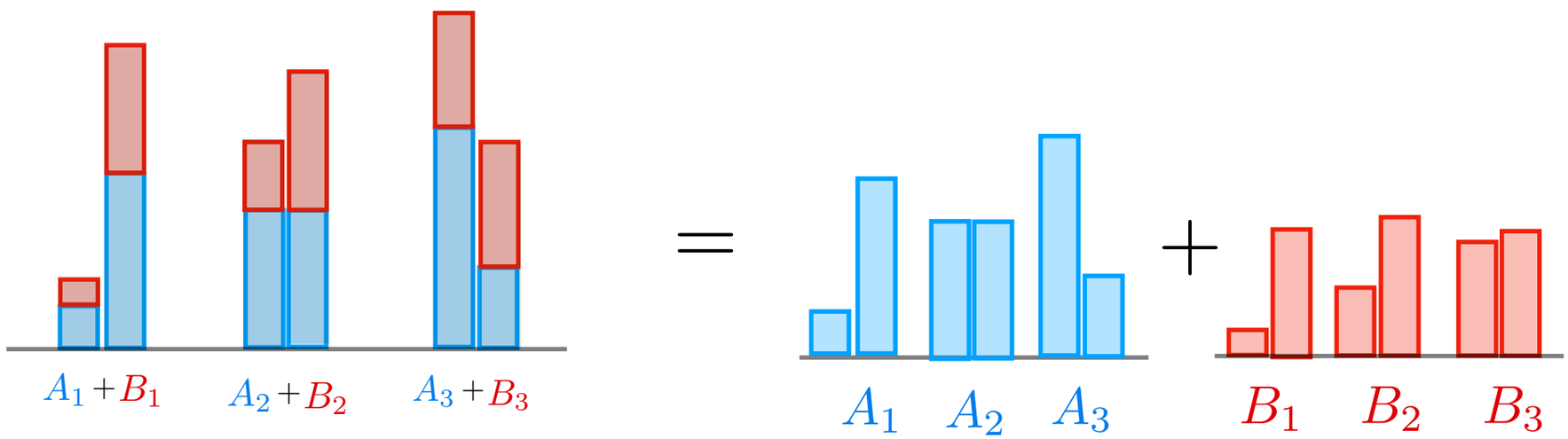

A_1
A_2
A_3

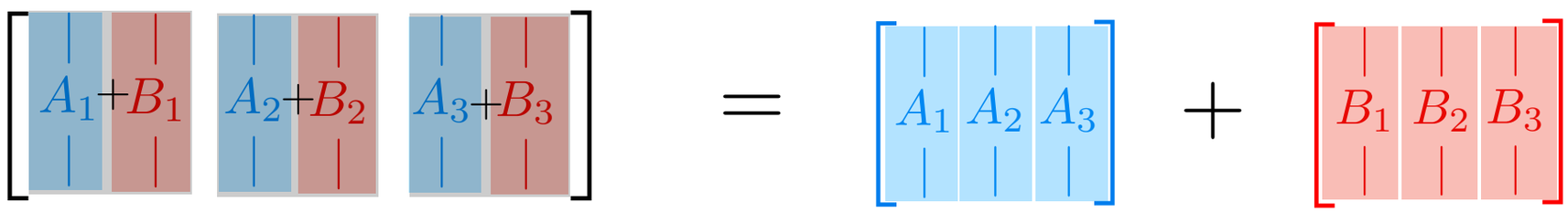

A_1
A_2
A_3

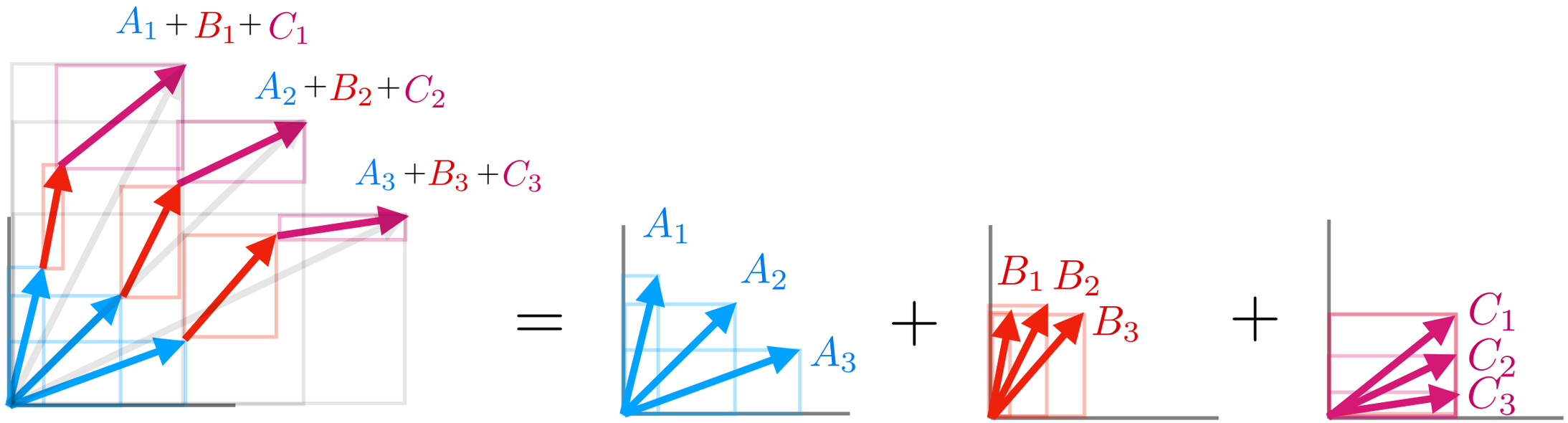
$=$

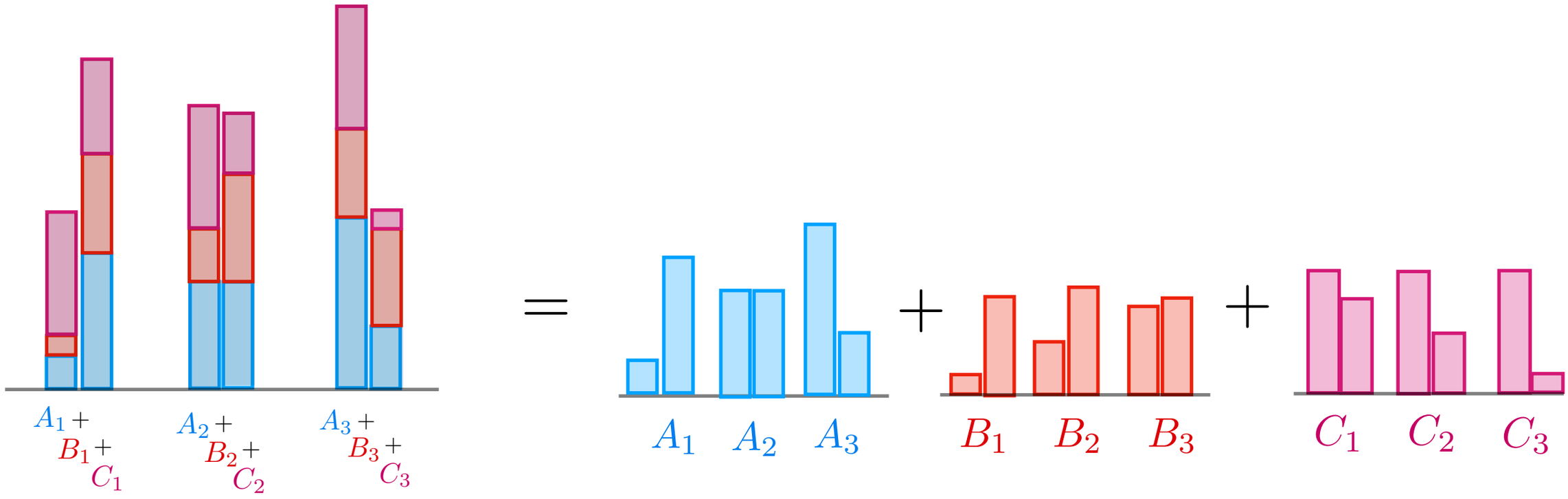

A_1 A_2 A_3

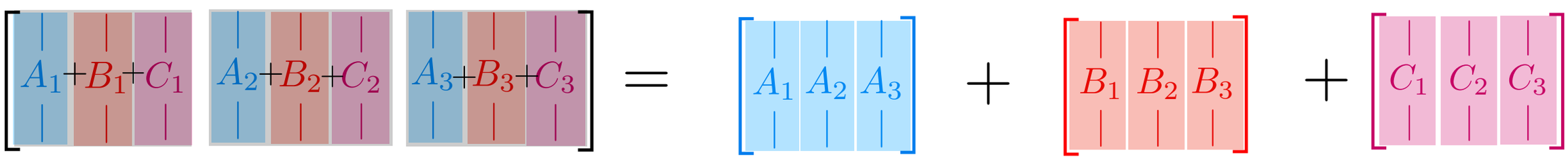

$A_1 + B_1$
$A_2 + B_2$
$A_3 + B_3$
=
A_1
A_2
A_3
+
B_1 B_2
B_3


$A_1 + B_1$
$A_2 + B_2$
$A_3 + B_3$
=
A_1 A_2 A_3
+
B_1 B_2 B_3


A_1+B_1
A_2+B_2
A_3+B_3
=
A_1 A_2 A_3
+
B_1 B_2 B_3


$A_1 + B_1 + C_1$
$A_2 + B_2 + C_2$
$A_3 + B_3 + C_3$
=
A_1
A_2
A_3
+
B_1 B_2
B_3
+
C_1
C_2
C_3


$A_1 + B_1 + C_1$
$A_2 + B_2 + C_2$
$A_3 + B_3 + C_3$
=
A_1 A_2 A_3
+
B_1 B_2 B_3
+
C_1 C_2 C_3


$A_1+B_1+C_1$
$A_2+B_2+C_2$
$A_3+B_3+C_3$
=
A_1 A_2 A_3
+
B_1 B_2 B_3
+
C_1 C_2 C_3