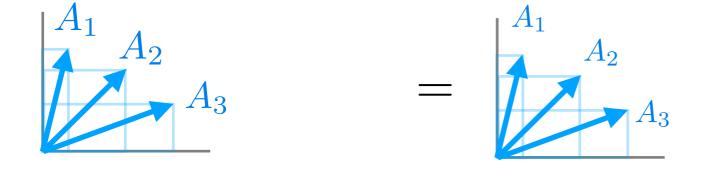
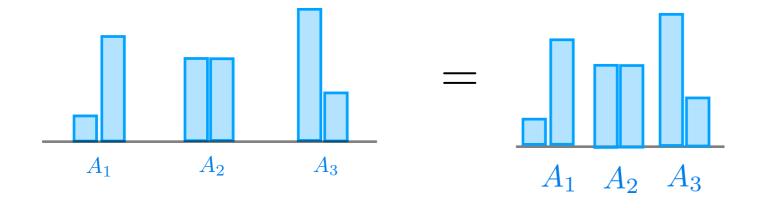
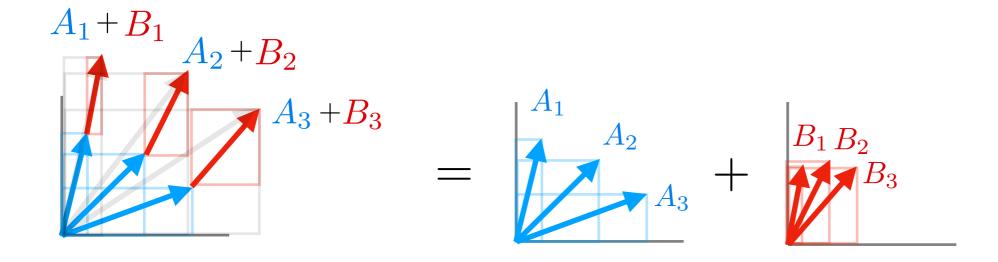
## Matrix Addition/Subtraction Column Geometry

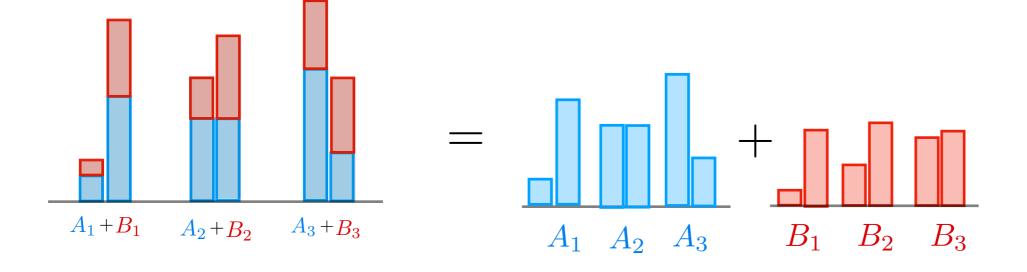
**Dan Calderone** 





$$\begin{bmatrix} \begin{vmatrix} 1 & 1 \\ A_1 & A_2 \\ \end{vmatrix} & A_3 \\ \begin{vmatrix} 1 & 1 \end{vmatrix} \end{bmatrix} = \begin{bmatrix} \begin{vmatrix} 1 & 1 \\ A_1 & A_2 & A_3 \\ \end{vmatrix} & \begin{vmatrix} 1 & 1 \\ \end{vmatrix} \end{bmatrix}$$





$$\begin{bmatrix} A_1 + B_1 & A_2 + B_2 & A_3 + B_3 \\ A_1 & A_2 & A_3 \\ A_2 & A_3 & A_3 \end{bmatrix} + \begin{bmatrix} A_1 & A_2 & A_3 \\ B_1 & B_2 & B_3 \\ A_2 & A_3 & A_3 \end{bmatrix}$$

