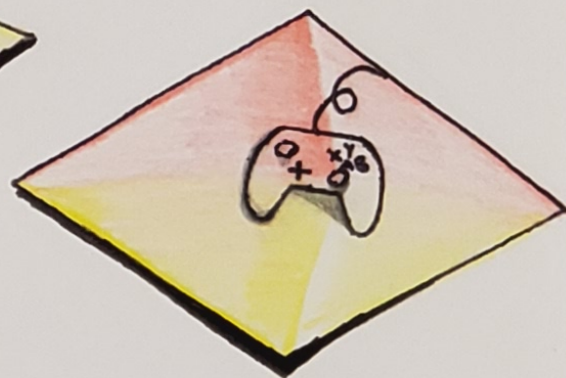
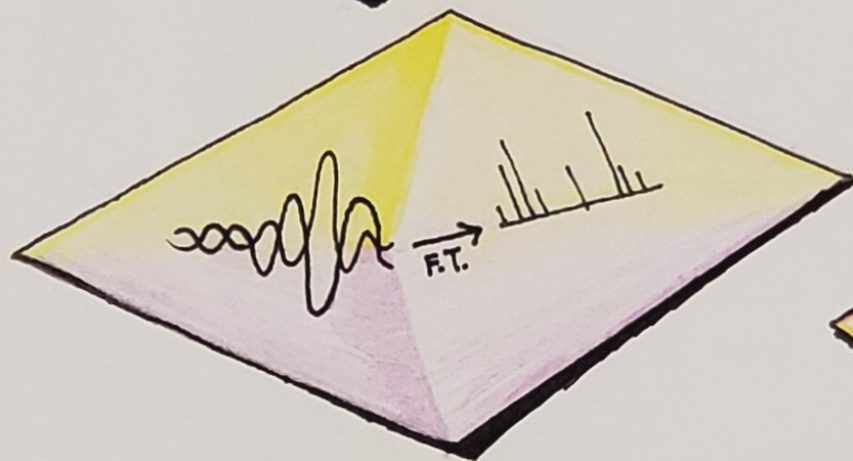
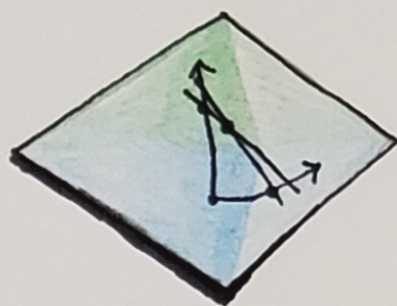
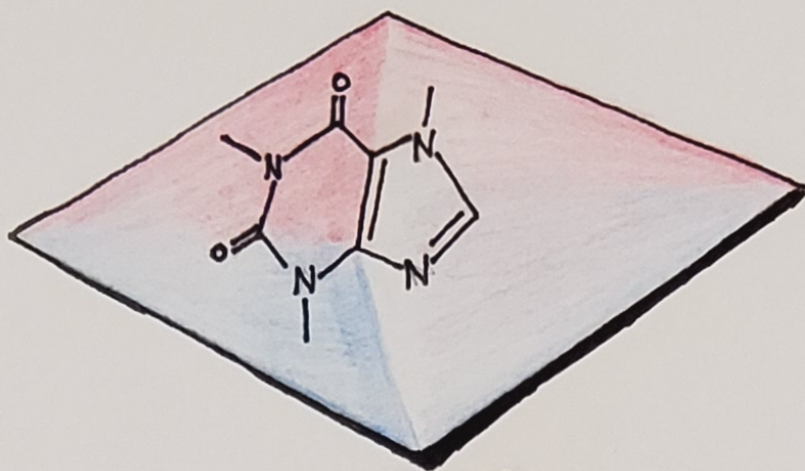


$$\begin{bmatrix} -1 & 2 & 1 & 0 & | & 0 \\ 7 & -14 & -7 & -8 & | & 0 \\ -3 & 6 & 3 & 2 & | & 0 \end{bmatrix} \sim \begin{bmatrix} 1 & -2 & -1 & 0 & | & 0 \\ 0 & 0 & 0 & 1 & | & 0 \\ 0 & 0 & 0 & 0 & | & 0 \end{bmatrix}$$

$$\text{Nul}(A) = \text{Span} \left\{ \begin{bmatrix} 2 \\ 1 \\ 0 \\ 0 \end{bmatrix}, \begin{bmatrix} 1 \\ 0 \\ 1 \\ 0 \end{bmatrix} \right\}$$



# Linear Algebra