

Diagram illustrating the decomposition of a 3D tensor  $\mathcal{T}$  into a sum of rank-1 components:

$$\mathcal{T} = \begin{matrix} \text{Bar } A_1 & \text{Bar } B_1 & \text{Parallelogram } C_1 \\ + & \dots & + \\ \text{Bar } A_R & \text{Bar } B_R & \text{Parallelogram } C_R \end{matrix}$$

The components are labeled  $A_1$ ,  $B_1$ ,  $C_1$ ,  $A_R$ ,  $B_R$ , and  $C_R$ .