

$$\begin{array}{c} \bullet \\ \text{red crossing} \\ \bullet \end{array} = \begin{array}{cc} \bullet & \bullet \\ | & | \\ \bullet & \bullet \end{array}$$

$$\begin{array}{c} \bullet \\ \text{blue crossing} \\ \bullet \end{array} = \begin{array}{cc} \bullet & \bullet \\ | & | \\ \bullet & \bullet \end{array}$$

$$\begin{array}{c} \bullet \text{ red} \quad \bullet \text{ blue} \\ \text{red-blue crossing} \\ \bullet \text{ blue} \quad \bullet \text{ red} \end{array} = - \begin{array}{cc} \bullet \text{ red} & \bullet \text{ blue} \\ | & | \\ \bullet \text{ red} & \bullet \text{ blue} \end{array}$$

$$\begin{array}{c} \bullet \\ \text{red crossing with arrows} \\ \bullet \end{array} = \begin{array}{cc} \bullet \text{ blue} & \bullet \text{ red} \\ \text{red-blue crossing with arrows} \\ \bullet \text{ red} & \bullet \text{ blue} \end{array} = \begin{array}{cc} \bullet \text{ red} & \bullet \text{ blue} \\ | & | \\ \bullet \text{ red} & \bullet \text{ blue} \end{array} = - \begin{array}{cc} \bullet & \bullet \\ | \uparrow & | \uparrow \\ \bullet & \bullet \end{array}$$