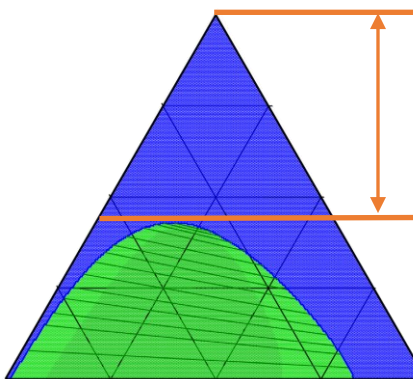


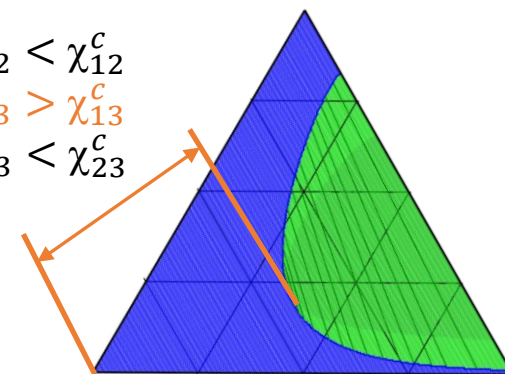
Type [110]

$$\begin{aligned}\chi_{12} &> \chi_{12}^c \\ \chi_{13} &< \chi_{13}^c \\ \chi_{23} &< \chi_{23}^c\end{aligned}$$



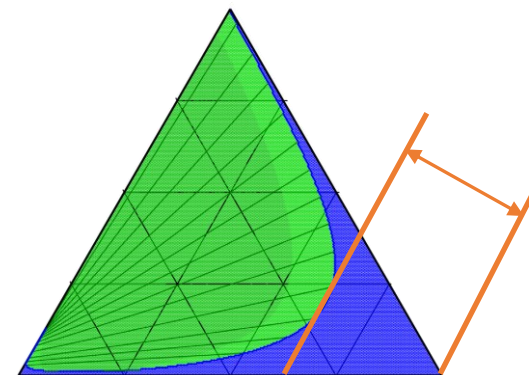
$1 - \max(\varphi_3)$ with φ_3 of 2-phase region

$$\begin{aligned}\chi_{12} &< \chi_{12}^c \\ \chi_{13} &> \chi_{13}^c \\ \chi_{23} &< \chi_{23}^c\end{aligned}$$



$1 - \max(\varphi_2)$ with φ_2 of 2-phase region

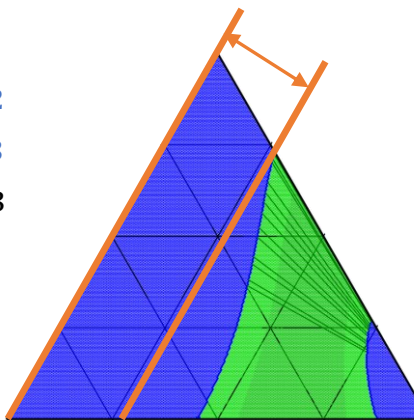
$$\begin{aligned}\chi_{12} &< \chi_{12}^c \\ \chi_{13} &< \chi_{13}^c \\ \chi_{23} &> \chi_{23}^c\end{aligned}$$



$1 - \max(\varphi_1)$ with φ_1 of 2-phase region

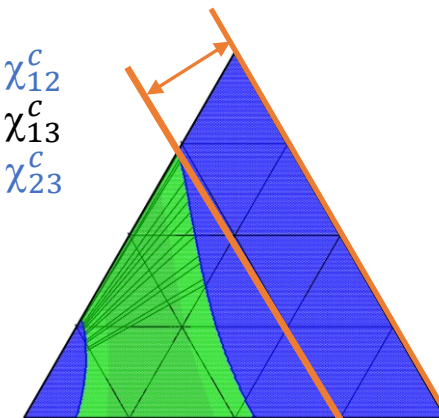
Type [210]

$$\begin{aligned}\chi_{12} &> \chi_{12}^c \\ \chi_{13} &> \chi_{13}^c \\ \chi_{23} &< \chi_{23}^c\end{aligned}$$



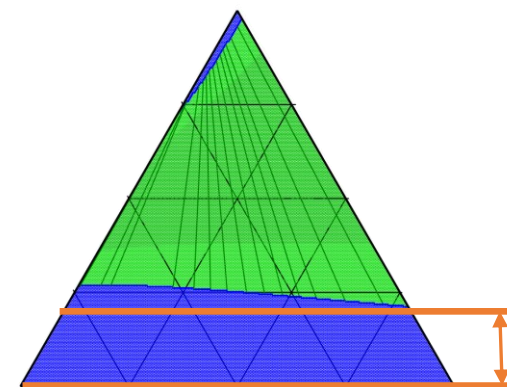
$\text{Min}(\varphi_1)$ with φ_1 of 2-phase region

$$\begin{aligned}\chi_{12} &> \chi_{12}^c \\ \chi_{13} &< \chi_{13}^c \\ \chi_{23} &> \chi_{23}^c\end{aligned}$$



$\text{Min}(\varphi_2)$ with φ_2 of 2-phase region

$$\begin{aligned}\chi_{12} &< \chi_{12}^c \\ \chi_{13} &> \chi_{13}^c \\ \chi_{23} &> \chi_{23}^c\end{aligned}$$



$\text{Min}(\varphi_3)$ with φ_3 of 2-phase region