

Quickie 3

1) Was besagt die Chursche These?

2) Sind die folgenden Funktionen berechenbar?

$$\text{a) } f(\alpha, w) = \begin{cases} \text{ja, falls } w \in D(f_\alpha) \\ \text{nein, sonst} \end{cases}$$

$$\text{b) } g(\alpha, w) = \begin{cases} \text{ja, falls } w \in D(g_\alpha) \\ \perp, \text{sonst} \end{cases}$$

$$\text{c) } h(\alpha) = \begin{cases} \text{ja, falls } \alpha \in D(h_\alpha) \\ \text{nein, sonst} \end{cases}$$

$$\text{d) } i(\alpha) = \begin{cases} \text{ja, falls } \alpha \in D(i_\alpha) \\ \perp, \text{sonst} \end{cases}$$

$$\text{e) } j(\alpha) = \begin{cases} \text{ja, falls } D(j_\alpha) = \emptyset \\ \text{nein, sonst} \end{cases}$$

$$\text{f) } k(\alpha) = \begin{cases} \text{ja, falls } D(k_\alpha) = \emptyset \\ \perp, \text{sonst} \end{cases}$$

$$\text{g) } l(\alpha) = \begin{cases} \perp, \text{falls } D(l_\alpha) = \emptyset \\ \text{nein, sonst} \end{cases}$$