

$$\text{cpt } \mathfrak{h} \ni {}_n \mathfrak{h}$$

$$\overline{{}_n \mathfrak{h}}_{\text{sublim}} = (o) \Rightarrow {}_n \mathfrak{h} \rightsquigarrow o$$

$$\not\exists {}_n \mathfrak{h} \stackrel{\text{not}}{\text{Cau}} \Rightarrow \bigvee_{\varepsilon} \bigvee_{n_\alpha \geq n \leq n_\beta} \text{Teilfolgen } {}_{n_\alpha} \mathfrak{h} \bullet {}_{n_\beta} \mathfrak{h} > 2\varepsilon$$

$$\begin{aligned} \Rightarrow_{\mathfrak{h} \text{ cpt}} \bigvee_{n_\gamma \geq n} \text{Teilfolge } {}_{n_\gamma} \mathfrak{h} \rightsquigarrow \text{Vor } {}_{n_\gamma} \mathfrak{h} \rightsquigarrow o &\Rightarrow_{\mathfrak{h} \text{ cpt}} \bigvee_{n_\delta \geq n} \text{Teilfolge } {}_{n_\delta} \mathfrak{h} \rightsquigarrow \text{Vor } {}_{n_\delta} \mathfrak{h} \rightsquigarrow o \Rightarrow {}_{n_\delta} \mathfrak{h} \rightsquigarrow o \\ &\Rightarrow {}_{n_\delta} \mathfrak{h} \rightsquigarrow o \Rightarrow {}_{n_\delta} \mathfrak{h} \rightsquigarrow o \Rightarrow {}_{n_\delta} \mathfrak{h} \rightsquigarrow o \end{aligned}$$

$$2\varepsilon < \underbrace{[\varepsilon : \cdot \delta \gamma \beta^{\mathfrak{h}}]_{\delta \gamma \alpha} \gamma [\varepsilon : \cdot \delta \gamma \alpha^{\mathfrak{h}}]}_{\leq \varepsilon} \mathfrak{h} \bullet \underbrace{[\varepsilon : \cdot \delta \gamma \beta^{\mathfrak{h}}]_{\delta \gamma \beta} \gamma [\varepsilon : \cdot \delta \gamma \alpha^{\mathfrak{h}}]}_{\leq \varepsilon} \mathfrak{h} \leq \underbrace{[\varepsilon : \cdot \delta \gamma \beta^{\mathfrak{h}}]_{\delta \gamma \alpha} \gamma [\varepsilon : \cdot \delta \gamma \alpha^{\mathfrak{h}}]}_{\leq \varepsilon} \mathfrak{h} \bullet o + o \bullet \underbrace{[\varepsilon : \cdot \delta \gamma \beta^{\mathfrak{h}}]_{\delta \gamma \beta} \gamma [\varepsilon : \cdot \delta \gamma \alpha^{\mathfrak{h}}]}_{\leq \varepsilon} \mathfrak{h} \leq 2\varepsilon \not\Leftarrow$$

$$\left\{ \begin{array}{l} {}_n \mathfrak{h} \rightsquigarrow \\ {}_{n_\gamma} \mathfrak{h} \rightsquigarrow o \end{array} \right. \text{Cau} \Rightarrow {}_n \mathfrak{h} \rightsquigarrow o$$