$a|c \xrightarrow{\curlywedge} \mathbb{R}$: $\begin{cases} a|b \xrightarrow[\text{stet}]{\curlywedge} \mathbb{R} \\ b|c \xrightarrow[\text{stet}]{\curlywedge} \mathbb{R} \end{cases} \Longrightarrow \curlywedge$ stet/Folg-Krit : $\mathbb{R} \xrightarrow[\text{stet}]{\overline{()}} \mathbb{R}$

nicht u-stet $\dfrac{1}{\sqrt{x}}$ on $\mathbb{R}_>$: x^2 on $\mathbb{R}$: $\sqrt{x}$?u-stet on $1|\infty$

$$\bigvee_x^{0|1} \cos\left(x^2+29\right) = 5\,x^{16} - 2$$

$$\sqrt{x-2} \underset{2+}{\searrow} : \quad \frac{3x+7}{x+4} \underset{3}{\searrow}$$

discont/graph $\begin{cases} x^2 & x < -1 \\ 0 & x = -1 \\ x & -1 < x \leqslant 1 \\ x^3 & x > 1 \end{cases}$

$$\begin{cases} 0|1 \xrightarrow[\text{stet}]{\curlywedge} \mathbb{R} \\ {}^0\curlywedge = {}^1\curlywedge \end{cases} \Longrightarrow \bigvee_{x \in 0|1} {}^x\curlywedge = {}^{x+1/2}\curlywedge$$

$\begin{cases} x & x \in \mathbb{Q} \\ 1-x & x \in \mathbb{R} \llcorner \mathbb{Q} \end{cases}$?stet on $\mathbb{R}$

$\begin{cases} 1 & x \in \mathbb{Q} \\ 0 & x \in \mathbb{R} \llcorner \mathbb{Q} \end{cases}$ in keinem Punkt stetig

$\begin{cases} x & x \in \mathbb{Q} \\ 0 & x \in \mathbb{R} \llcorner \mathbb{Q} \end{cases}$ nur in 0 stetig

$\begin{cases} \mathbb{R} \xrightarrow[\text{stet}]{\curlywedge} \mathbb{R} \\ {}^{\mathbb{R}}\curlywedge \text{ abz} \end{cases} \underset{\text{ZWS}}{\Longrightarrow} \curlywedge$ cst $\mathbb{R} \xrightarrow[\text{stet}]{\curlywedge} \mathbb{R} \begin{cases} {}^{\mathbb{Q}}\curlywedge \subset \mathbb{R} \llcorner \mathbb{Q} \\ {}^{\mathbb{R} \llcorner \mathbb{Q}}\curlywedge \subset \mathbb{Q} \end{cases} \Longrightarrow \curlywedge$ cst

$\begin{cases} a|b \xrightarrow[\text{stet}]{\curlywedge/\curlyvee} \mathbb{R} \\ \curlywedge = \curlyvee \text{ on } a|b \cap \mathbb{Q} \end{cases} \underset{\text{Krit}}{\overset{\text{Folg}}{\Longrightarrow}} \curlywedge = \curlyvee$

$\begin{cases} c_1 : c_2 : c_3 > 0 \\ a_1 < a_2 < a_3 \end{cases} \underset{\text{ZWS}}{\Longrightarrow} \bigvee_{a_1 < x_1 < a_2 < x_2 < a_3}$ Lsg $\dfrac{c_1}{x-a_1} + \dfrac{c_1}{x-a_1} + \dfrac{c_1}{x-a_1} = 0$

$$\text{Interval } I \xrightarrow[\text{stet}]{\gamma} \mathbb{R} \begin{cases} \gamma \text{ nicht no bes} \\ \gamma \text{ min on } I \end{cases} \quad \Longrightarrow {}^{I}\gamma \text{ abg}$$