

$$-\infty \leq \alpha < \beta \leq +\infty$$

$$\alpha|\beta \xrightarrow[\text{stet}]{\gamma} \mathbb{R}_>$$

$$\int_{\alpha}^{\beta} \gamma = \lim_{\alpha+\varepsilon}^{\beta-\varepsilon} \int_{\alpha+\varepsilon}^{\beta-\varepsilon} \gamma = \lim_{\alpha \rightsquigarrow a < b \rightsquigarrow \beta} \int_a^b \gamma$$