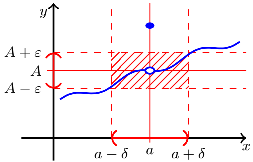
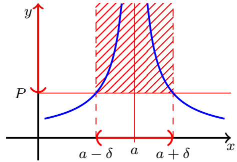
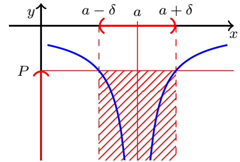
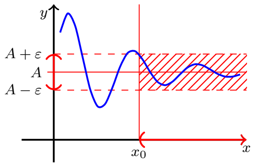
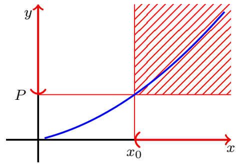
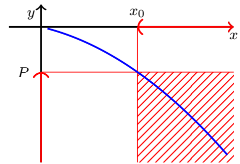
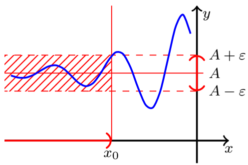
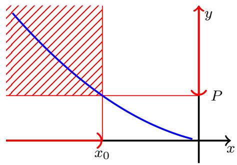
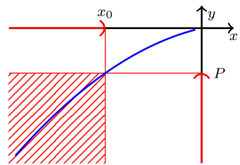
$\boldsymbol{A = \lim_a f}$	$A \in \mathbb{R}$	$A = +\infty$	$A = -\infty$
$a \in \mathbb{R}$	 $\forall \varepsilon > 0$-hoz $\exists \delta > 0, \forall \in \mathcal{D}_f, 0 < \lvert x-a \rvert < \delta \colon \lvert f(x) - A \rvert < \varepsilon$	 $\forall P > 0$-hoz $\exists \delta > 0, \forall x \in \mathcal{D}_f, 0 < \lvert x-a \rvert < \delta \colon f(x) > P$	 $\forall P < 0$-hoz $\exists \delta > 0, \forall x \in \mathcal{D}_f, 0 < \lvert x-a \rvert < \delta \colon x) < P$
$a = +\infty$	 $\forall \varepsilon > 0$-hoz $\exists x_0 > 0, \forall x \in \mathcal{D}_f, x > x_0 \colon \lvert f(x) - A \rvert < \varepsilon$	 $\forall P > 0$-hoz $\exists x_0 > 0, \forall x \in \mathcal{D}_f, x > x_0 \colon f(x) > P$	 $\forall P < 0$-hoz $\exists x_0 > 0, \forall x \in \mathcal{D}_f, x > x_0 \colon f(x) < P$
$a = -\infty$	 $\forall \varepsilon > 0$-hoz $\exists x_0 < 0, \forall \in \mathcal{D}_f, x < x_0 \colon \lvert f(x) - A \rvert < \varepsilon$	 $\forall P > 0$-hoz $\exists x_0 < 0, \forall x \in \mathcal{D}_f, x < x_0 \colon f(x) > P$	 $\forall P < 0$-hoz $\exists x_0 < 0, \forall x \in \mathcal{D}_f, x < x_0 \colon f(x) < P$