

$$\dim \operatorname{Ker} \varphi + \dim \operatorname{Im} \varphi = \dim V$$

$$\operatorname{Im}_a^b \varphi$$

$$\text{Внимание: } \operatorname{Im}_a^b \varphi$$

$$\operatorname{Im}_a^b \varphi$$

$$\operatorname{argmax}_{x \in \mathbb{R}} f(x) = +\infty$$