

Nota 6.44. *[OBM]* Notate che

$$\liminf_{x \rightarrow x_0} f(x) = \infty \iff \lim_{x \rightarrow x_0} f(x) = \infty$$

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$$\limsup_{x \rightarrow x_0} f(x) = -\infty \iff \lim_{x \rightarrow x_0} f(x) = -\infty$$