Contents

0.1 Limits of real functions

0.1.1 Limit operator

For a function $f(x)$,

$\lim_{x \to a} f(x) = L$

We can say that L is the limit if:

$\forall \epsilon > 0 \exists \delta > 0 \forall x [0 < |x - p| < \delta \rightarrow |f(x) - L| < \epsilon]$