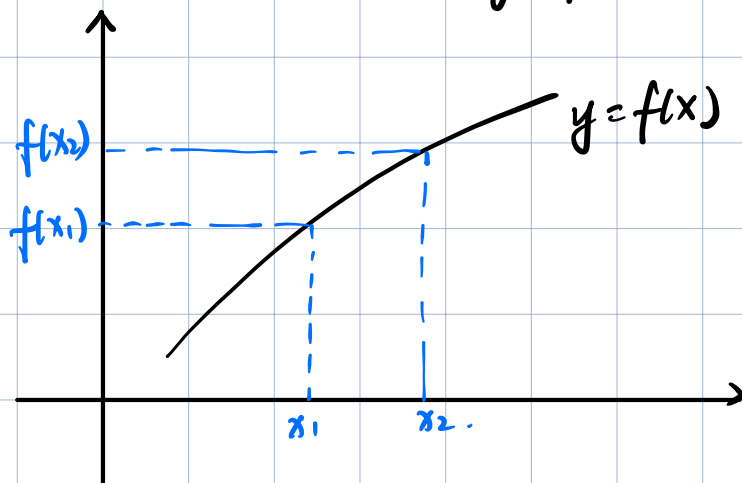


Definition & Theorems.

1. How to write a rigorous definition.

Goal: Define 'increasing function'.



① formalise the idea.

Def. A function f is increasing on an interval I when $\forall x_1, x_2 \in I$; if $x_1 < x_2$, then $f(x_1) < f(x_2)$.

