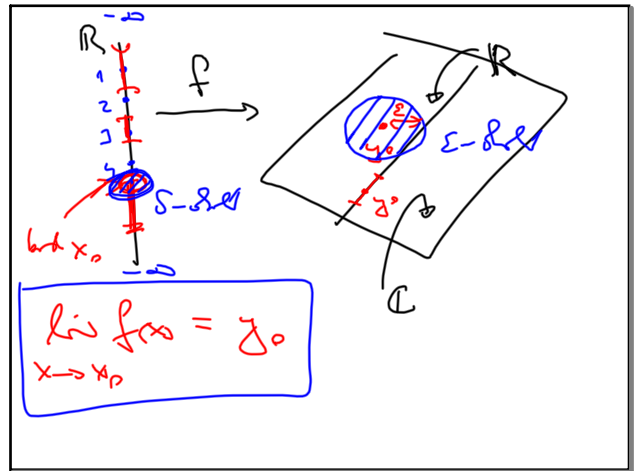
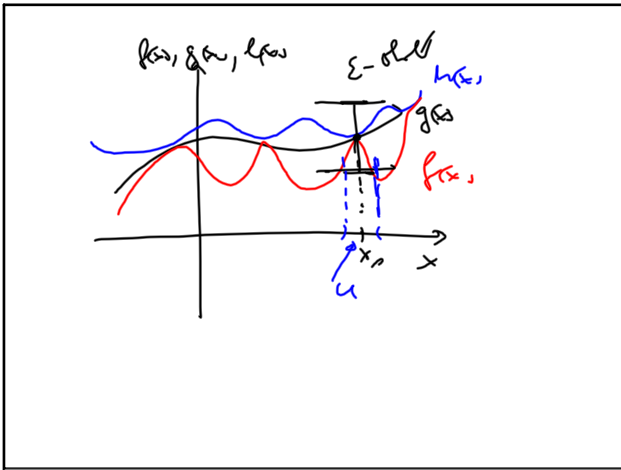


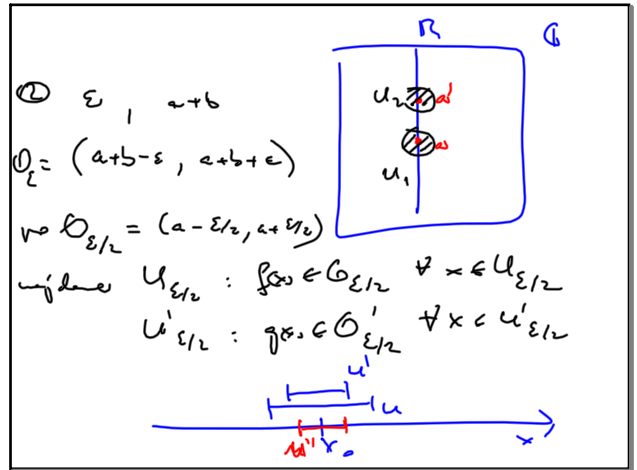
37-14:03



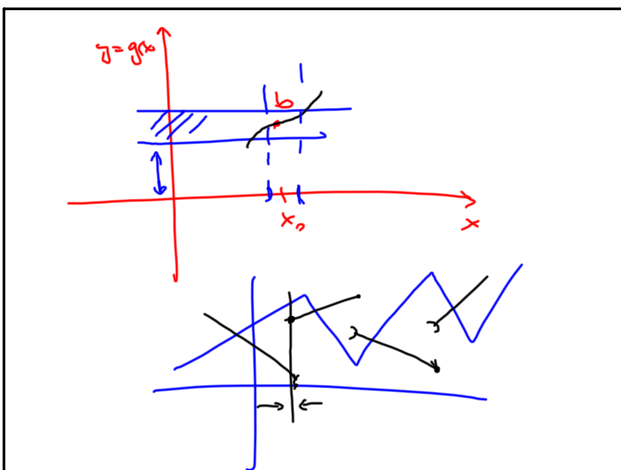
37-14:10



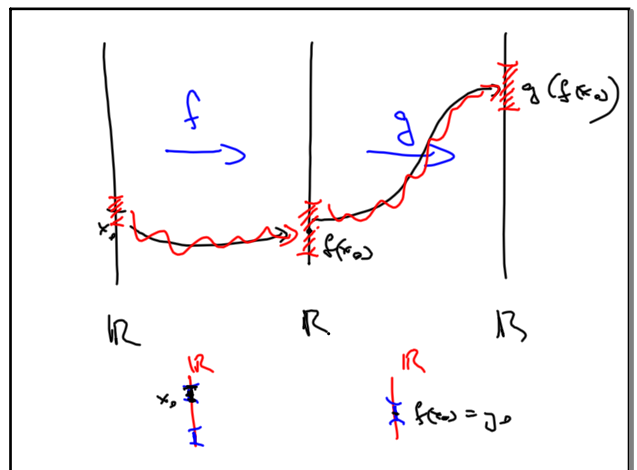
37-14:14



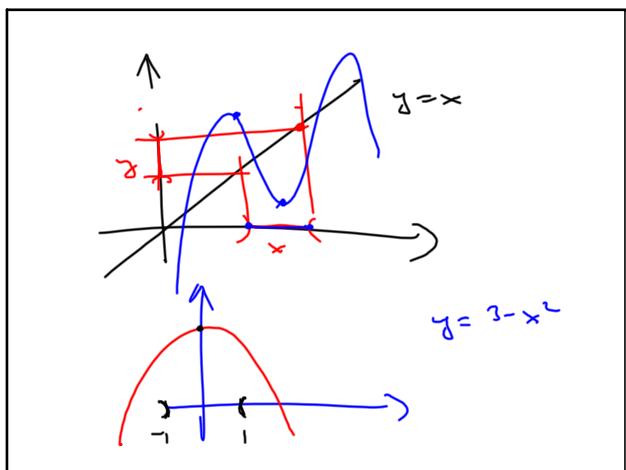
37-14:17



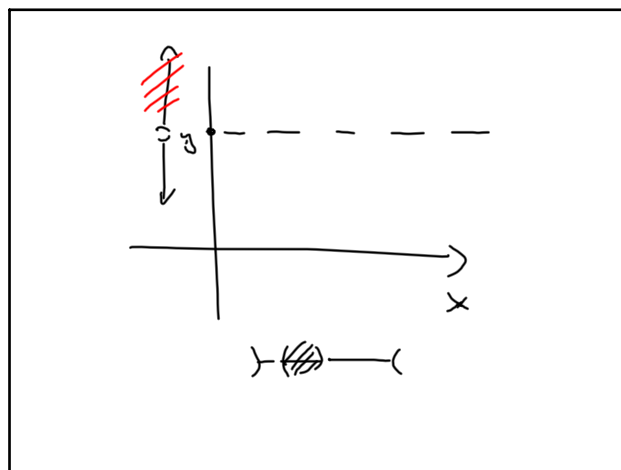
37-14:27



37-14:39



3 7-14:45



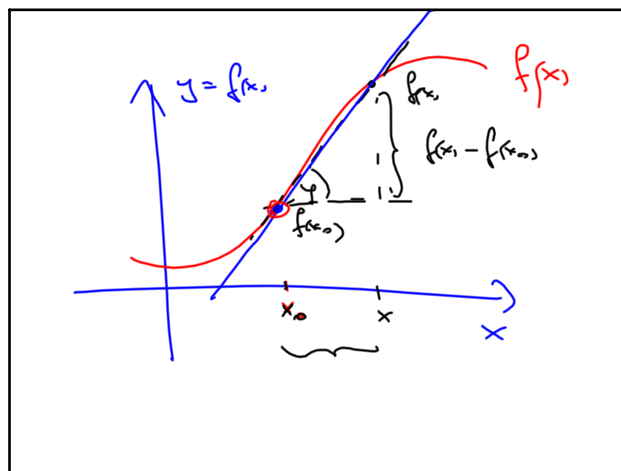
3 7-14:53

$$\boxed{x^a} \rightarrow x^a \quad \begin{cases} a \in \mathbb{R} \\ x \in \mathbb{R} \end{cases}$$

$$\boxed{(x^a)^b = x^{a \cdot b} \quad (x^a \cdot x^b) = x^{a+b}}$$

$$\uparrow \uparrow ?$$

3 7-15:15



3 7-15:27

$$f(x) = f(x_0) + \gamma(x)(x - x_0)$$

$$\lim_{x \rightarrow x_0} \gamma(x) = \lim_{x \rightarrow x_0} \frac{f(x) - f(x_0)}{x - x_0} = f'(x_0)$$

$$\gamma(x) = \frac{f(x) - f(x_0)}{x - x_0}$$

3 7-15:34