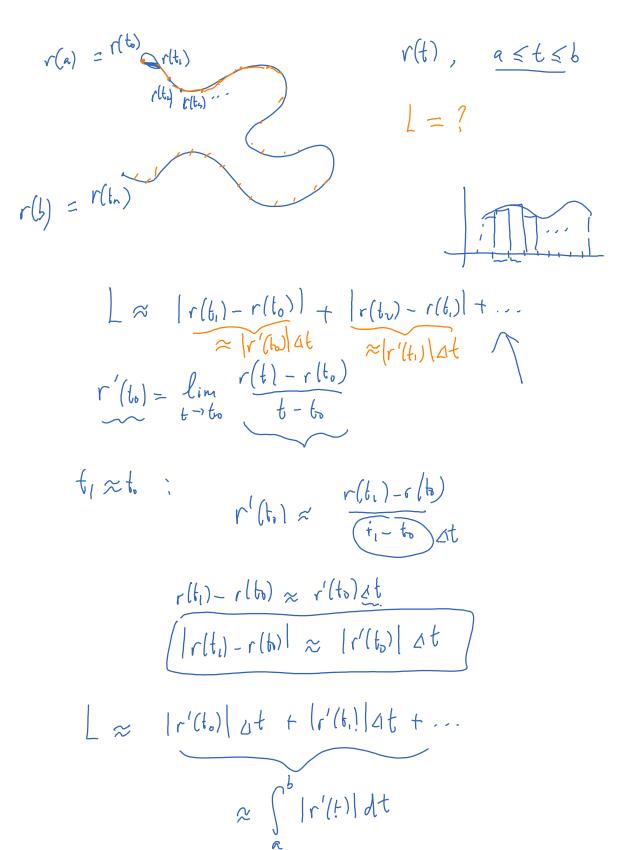
Length of a curve

Wednesday, January 27, 2021

4:26 PM



$$L = \int_{a}^{b} |r'(t)| dt.$$

En:

0 <+ <2.



$$r'(t) = \langle -sint, cost. 1 \rangle$$

$$L = \int_{0}^{2} \sqrt{2} dt = 2\sqrt{2}.$$