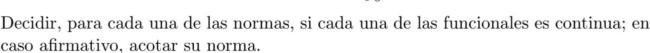
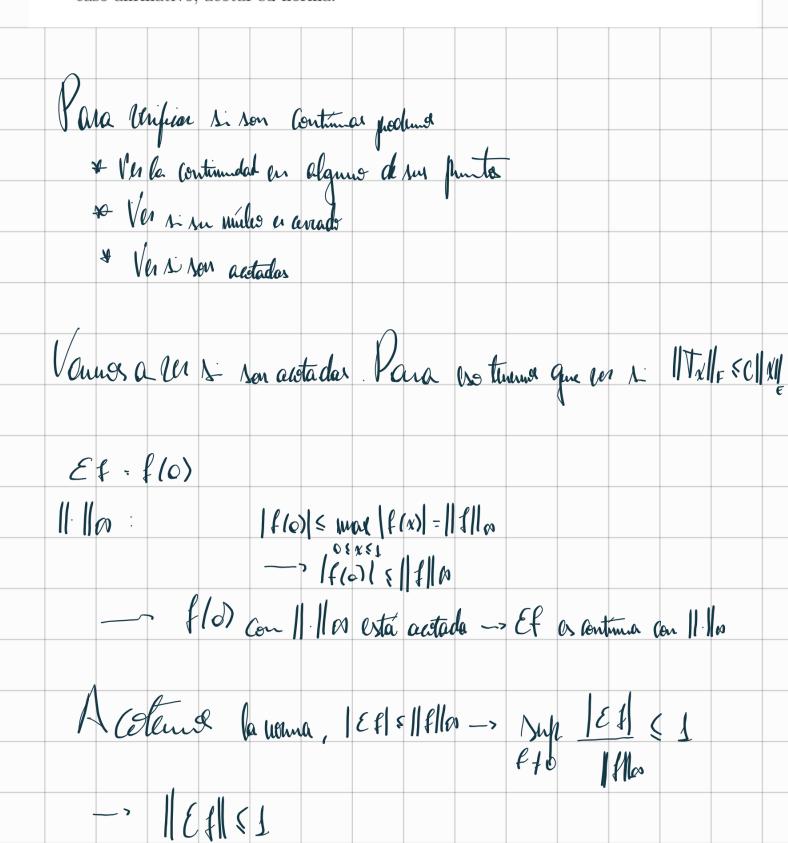
10. Consideremos en C([0,1]) las normas

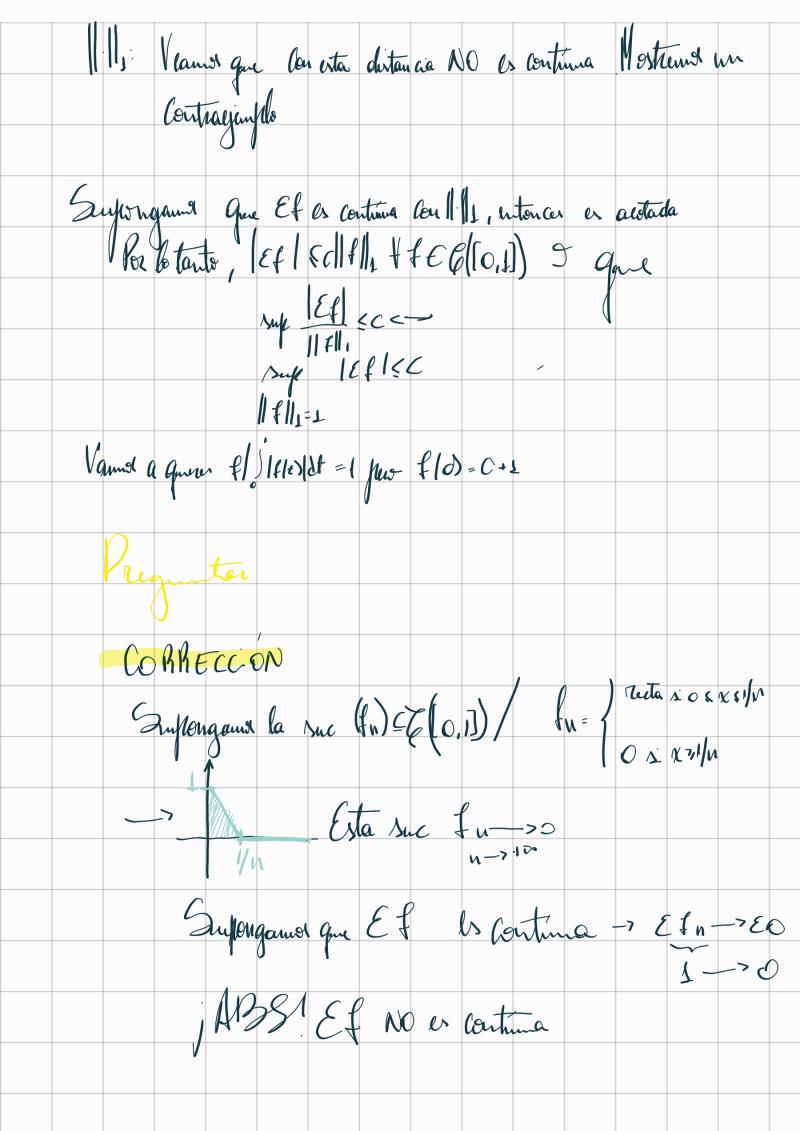
$$||f||_{\infty} = \max_{x \in [0,1]} |f(x)|, \quad y \quad ||f||_{1} = \int_{0}^{1} |f(x)| dx.$$

Sean $\mathcal{E}, \mathcal{I}: C([0,1]) \to \mathbb{R}$ las funcionales lineales definidas por

$$\mathcal{E}f = f(0), \qquad \mathcal{I}f = \int_0^1 f(x) \, dx.$$







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11.114	$\Rightarrow \begin{cases} f(x) & dx \\ \Rightarrow & \int f(x) & dx \\ \Rightarrow & f(x) $	dt (5) 11(n)	l dt «Śu	uax f/xx	dr (f 60					
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