

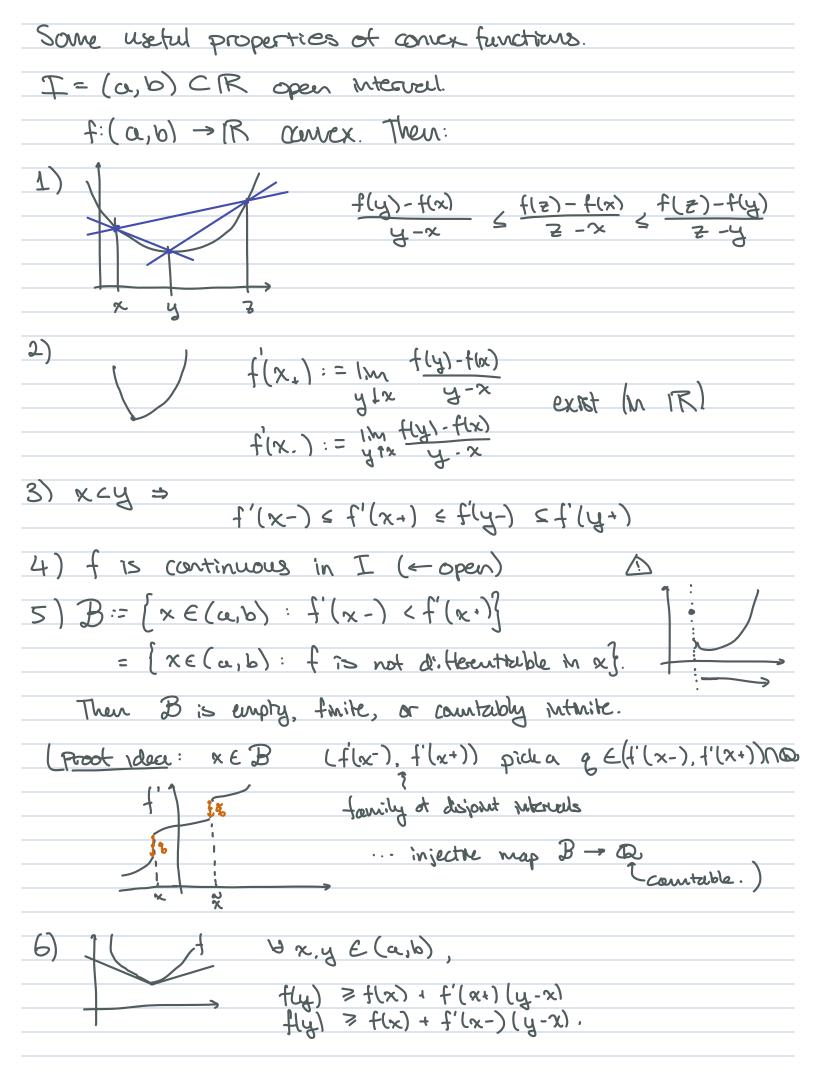
$$\beta := (3-t)\beta_{2} + t\beta_{2}, \quad h := (1-t)h_{1} + th_{2}.$$

$$p, q \in (1, \infty) \qquad \frac{1}{\beta} \cdot 1 - t, \quad \frac{1}{\delta} \cdot t$$

$$dh_{\Lambda;\beta_{1}}(\omega) := (1-t)dh_{\Lambda;\beta_{1},h_{1}}(\omega) + tdh_{\Lambda;\beta_{1},h_{2}}(\omega)$$

$$\beta \geq \omega_{1}(\omega; -h \geq \omega;$$

$$Z_{\Lambda}(\beta,h) \leq \left(\sum_{\omega \in \Omega_{\Lambda_{1}}} (4+t)dh_{\Lambda;\beta_{1},h_{1}}(\omega)\right)^{\beta} \cdot \frac{1}{\delta} \cdot \frac{1}{$$



7) Lemma 1.3. f: (a,b) → R, n∈W comex.
$f: (a,b) \to \mathbb{R}$.
Suppose: $\forall x \in (a,b)$: $\lim_{x \to a} f_n(x) = f(x)$.
N-SE
Then: f is convex, and $\forall x \in (a,b)$:
$f'(x-) \leq limint f'(x-) \leq limsup f'(x+) \leq f'(x+)$
Consequence: it is addition f_n is differentiable at x , thus every accumulation point of $(f'_n(x))_{n\in\mathbb{N}}$ is in $[f'(x-), f'(x+)]$.
· if for and f are diffuntiable at x, then
$l_{N} \rightarrow \infty$ $l_{N} = l_{N} (x) = l_{N} (x)$