

$$P_{\Gamma}[\theta] = \sum_{n=-\infty}^{\infty} r^{|n|} e^{in\theta} = \frac{1-r^2}{1-2r\cos\theta+r^2} = \operatorname{Re}\left(\frac{1+re^{i\theta}}{1-re^{i\theta}}\right)$$

$$U(re^{i\theta}) = \frac{L}{2\pi} \int_{-\pi}^{\pi} P_{\Gamma}(\theta+1) e^{it} dt$$

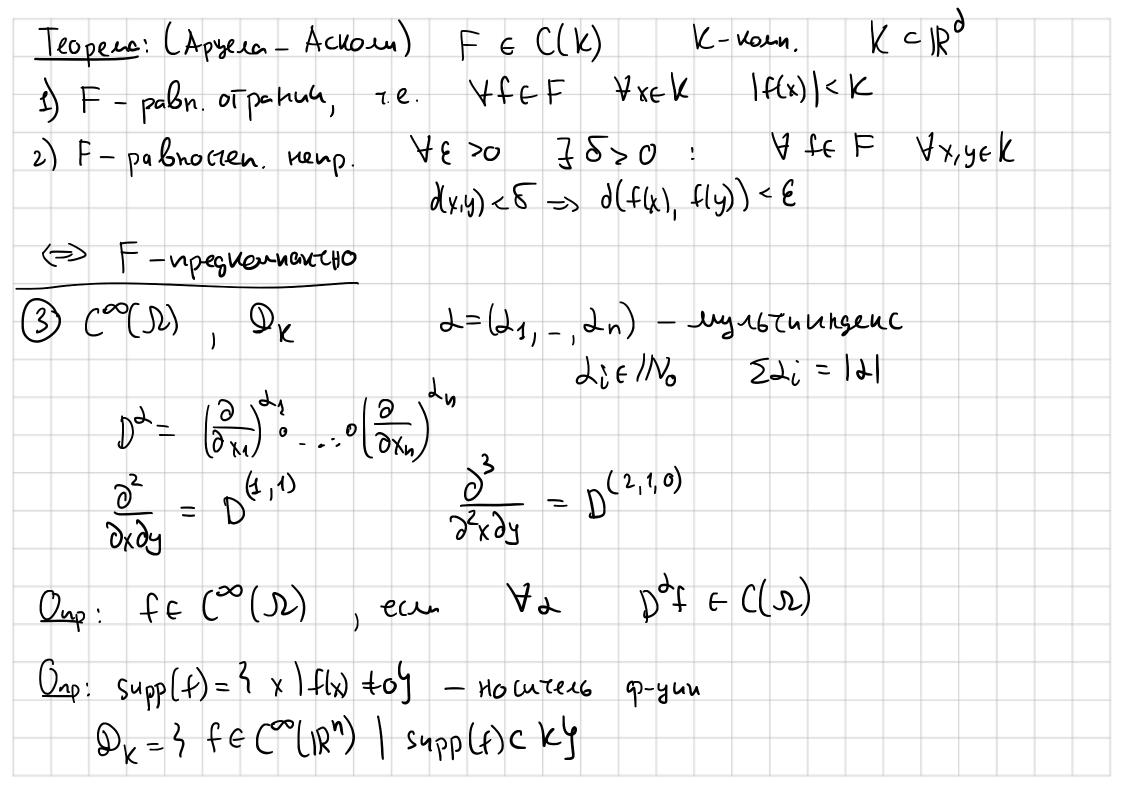
$$\Gamma_{\text{opnet}T}, \quad 0_{\text{Tpannennue}} \text{ arauntune curve } \text{ ap-yun''}$$

$$\textcircled{P}(\Omega) \quad \Sigma \subset \mathbb{C} \quad H(\Omega) - \text{np-bo Folour.} \quad \delta \quad \Sigma \quad \text{ ap-yun''}$$

$$\frac{H(\Omega)}{H(\Omega)} \leq C(\Omega)$$

$$q_{\text{cut}} \cdot f_{n} \Rightarrow f_{n} \quad k \quad f_{n} \in H(\Omega) \Rightarrow f_{\text{c}} H(\Omega) \rightarrow g_{\text{cut}} \quad f_{n} \Rightarrow f_{\text{c}} C(\Omega)$$

$$f_{n} \rightarrow f_{\text{c}} C(\Omega) \quad \Leftrightarrow \quad \forall n \quad f_{n} \Rightarrow f_{\text{c}} \quad k \quad g_{\text{c}} \quad g_{\text{cut}} \quad g_{\text{c}} \quad g_$$



$$D = \bigcup_{i} X_{i} \quad \text{id}(X_{i}) \quad \text{c int}(X_{i+1})$$

$$cen-60 : P_{N}(f) = ma \times \frac{2}{3} \mid D^{d}f(x) \mid X \in K_{N}, \quad |d| \leq N^{d}$$

$$possesseries$$

$$d(1,5) = \sum_{N=1}^{\infty} \frac{1}{2^{N}} \cdot \frac{P_{N}(f-9)}{1 + P_{N}(f-9)} - cobsectina \quad \text{c toncother}$$

$$f_{m} \Rightarrow f \iff \forall J \quad \forall N \quad D^{d}f_{m} \implies D^{d}f_{m} \quad K_{N}$$

$$C^{\infty}(D) - npoct_{P} \cdot P_{pene}, \quad observed \quad cb-boan \quad f-5, \quad ne \quad \text{hopempyens}$$

$$Q_{K} - 2anunyto \quad b \quad C^{\infty}(D) \qquad K \subset S2$$

$$\frac{d}{d}p : \frac{13-23}{2}$$

