Nouzrak A Sena - Duperpe 1) f = gonyerum in [a, b) $F(A) = \int_{a}^{b} f(x)dx$ $A \in [a, b]$ Pyas F-orpanimena Iq: + Acca,6)IC=0 | F(Aj | SG $g \in C^{1}(Ca, b)$ $g(x) \rightarrow 0$; $g(x) - \mu_{0}u_{0}\sigma_{0}u_{0}u_{0}$ => If for - croylerron (Duperre) 2) f - gonyenna Ea,b) $\int_{a}^{b} f - cx$ $(\exists cz: \forall K \in (a,b)]$ $g \in C^{1}Ed,b \supset f(x) - nonotarpa, g(x) - orpanisma | g(x)| < c_{2}^{b}$ $\int_{a}^{b} Fg - cxoguran$ (ASenb)

Очень грустая картинка (00) -> 0, HOM MANOTHINA Nox-601

Roy Actoum $\int_{\alpha}^{\beta} f(x) g(x) dx = \begin{bmatrix} \alpha' = f & \alpha = F = f' \\ 1 = g' & 1 \end{bmatrix} = \int_{\alpha}^{\beta} f(x) g(x) dx$ 1) $\int_{\alpha}^{\beta} f(x) g(x) dx = \begin{bmatrix} \alpha' = f & \alpha' = f' \\ 1 = g' & 1 \end{bmatrix} = \int_{\alpha}^{\beta} f(x) g(x) dx$ Organization B-6-10 F(x)g'(x)dx - cx=> flim Rovery? Notory 40, (aSc.) emy? Thorong up, incl.,

B

F(x) $d'(x) | dx \le C_1 \int |g'(x)|^2 dx = dx$ = $\pm C_1 \int g'(x) | dx = \pm C_2 g'(x)|^2 - Konerusin$ Tike $g'(x) \longrightarrow 0$ yo bo Konenno => Croghina, 2) g (im gcx) = d \ [] (T.R. Manoracka n orp., palet 1 can)) f - 64p. No teopene benjempa. cca (na cop a num kom kakte) [a, top] ???) (g - 1) - Bee kopo mo 4. t. g. $\Delta \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} fg = \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b} f \cdot d$ $\frac{\partial}{\partial x} \int_{\alpha}^{b} f(g-d) + \int_{\alpha}^{b$