79) Chaisomba unmerpanob e reprenessorus Cepxulus пределем: непреровность, диорогер-16. Onp. Ryomo fix) E RIa; BJ Torga gome fix) = 5 flesole) one-ria ha [a, 6] u may-en unierpanoen e repremenentes beparemen representes. 1. meoplina; (o nemp. uniterp. C nepeur begin mp) Myomo f(x) e Rea, 67, morga F(x) = JHt Joh menpeporbna ma [a, 6]. \$-bo: f(t) e R[a:6] => f(t) orpanurena na [a,6] m.e JM>0 Yterails | Ht) |= M Bozrelleu xo e [a,6] u Conseper h, man, umo (xo+h) e [a,6], (h>0) morga  $f(x_0+h)-f(x_0) = \int_0^x f(t)dt - \int_0^x f(t)dt = \int_0^{x_0+h} f(t)dt$  $\Rightarrow |f(x_0+h)-f(x_0)| = |\int_{x_0}^{x_0+h} f(t)dt| \leq |\int_{x_0}^{x_0+h} f(t)|dt| \leq |f(t)|dt| \leq |f(t)|dt| = |f(t)|dt|$ =  $\mathcal{U}[h] \Rightarrow 0 \leq |F(x_0+h)-F(x_0)| \leq \mathcal{U}[h] \Rightarrow \mathcal{J}[h] \Rightarrow \mathcal{J}[h]$ h>0 x+he[q,6] ho o => F(x) E C29,67 2° Teap: ( 5appay): Ryomie Six) ment ma [a, b], morga F(x)= SH(t) dt guppg-ma na [a, 6] " F(x) = f(x).  $\frac{\partial -bo!}{\partial x_0} \times c = [a,b]$ ,  $x_0 + h \in [a;b]$   $\frac{F(x_0 + h) - F(x_0)}{h} = h \int_{a}^{b} f(t) dt = 0$ => ] c mencgy ko u ko+h, f(c)(xo+h-xo) = f(c) npm h>0) => Flim  $\frac{F(x_0+h)-F(x_0)}{h}=f(x_0)=$ Alc) -> flxo) h+xoe[ab] -> Yx = Eq. 6] F(x) = f(x). 3am.  $\forall f(x) \in C_{Eq, BI}$   $\exists F(x) = \int_{eq}^{x} f(t)olt, F'(x) = f(x), xe_{Eq, BI}$