) Теореша об имтегрируещости момобонных especie Tijemo f(x) enp. u enonoverena na [a!6], morga
f(x) e R[a;6] [Becenair enenoverena opine univerpipyema]

A-60! f(x) 1 na [a,6] f(a) < f(b) Though, pajonemen T; xo=a/.... Lxn=6 +8>0 For = 8 = 8 Tompegua [a,6] pan-1a 2+ × 8, 0 ≤ \$ - 8, = Et (Mk-mk) & XK $k \in [X_{k-1}, X_k]$ $m_k = \inf f(x) = f(X_{k-1})$ $x \in [X_{k-1}, X_k]$ Morga $\sum_{k=1}^{n} (ell_k - m_k) \triangle X_k = X \in [X_{k+1} \times_k]$ $= \sum_{k=1}^{n} |f(x_k) - f(x_{k-1})| \Delta x_n \leq \sum_{k=1}^{n} (f(x_k) - f(x_{k-1}))^{r} = \sum_{k=1}^{n} |f(x_k) - f(x_k)| \Delta x_n \leq \sum_{k=1}^{n} |f(x_k) - f(x_k)|^{r}$

 $= S(f(x_1) - f(a) + f(x_2) + ... + f(b) - f(x_{n-1}) = \underbrace{\varepsilon}_{Hb} \cdot (f(b) - f(a)) \varepsilon$ |ST-ST| LE =>] lim (ST-ST) =0 => f(x) e / [9,67