Tyume ums {xn}, u {nx} = 1.

Morga $\{x_{n_k}\}_{k=1}^{\infty}$, kazırbarom noznocuyobamennoro.

1) $\lim_{n\to\infty} x_n = \theta \Rightarrow \theta \in racmurance unegasor = \theta$.

M. e. Bu nognourgobamersnown - B.

D-bo: Tyegnowomun, I lim xnx = c + B

IN: 4n > N, (nn - B) < E (1)

IN2: Unx > N2 | nox - CI < E (2)

Maya que N=mux {Ni, Ni } boun. (1) u (2),

uo morga xnx → c u xnx → 8 ?! c! upuyara

=) b=c =

2) Ealle lim Xnk = Xo u lim Xne = Xo,

1/2 U Ne = /N => lim 20 = Xo

D-Bo: IN: 1/2 > N, /Mark - No/ < E (1)

IN2: ne > N2 /2ne - 201 = E (2)

Norga upu N= max [N, N2 } bun. (1) u (2),

U, T.K. Up > N xp & Xne um xp & xnx, TO

12p-201 = Ε