+ BESKPAINTIN UNCNOBU PENOBE - CXEDUMOUT, CBOUCTBA [D] Heka a...an...- Sezkpanina ruchoba pequiya. 1.) L'ephanhata cyna $a_1+...+a_n+...=\sum_{N=1}^{\infty}a_N$ ce hapara DE3KPAEH YNCHOB PEA (54PeA) 2.) YNEM-Sn = Dar-N-TA NAPHNAMA CYMA DoKazbane, re 54Pez e cxolally, ako Fling Sn=S, u S ce нарига схил на БУРЕЛ. В противен случай се нарига РАЗХОДЯЩ П (Необходино условие) Ako 64Per Jan e exogany, mo liman=0. Dokazainen cirboi Sn = Sar u S = lim Sn = D an = Sn - Sn - 1 = D lim an = = lim (Sn-Sn-1) = lim Sn - lim Sn-1 = S-S=0 Ortho Zan e exogeny a rell=> Zlan veryo e exogeny Cloricinles. u e paber Hall an Dokazainen ein Co: Heka Sn= Zak u Sn= Zak. $\sum_{n=1}^{\infty} a_n = S = \lim_{n \to \infty} S_n$ limes n = limes Sn = 2 limes n = 2 S => 5 lan e crogamy u $\sum_{n=4}^{\infty} \lambda a_n = \lambda \sum_{n=4}^{\infty} a_n$

The same exagany, in $\sum_{n=1}^{\infty}$ but a graphy branche page, bragaino but ce no
Ayraba, kaino aperpynapana $\{a_n\}_{n=1}^{\infty}$ b page, b koinino e gagi
gena, in e. $b_1 = a_1 + ... + a_{p_1}$, a una cranquina cyna kaino $b_2 = a_p + 1 + ... + a_{p_2}$

Delogation cuido:

The Su = $\sum_{n=1}^{\infty}$ ar u $S = \sum_{n=1}^{\infty}$ an, the $\sum_{n=1}^{\infty}$ by = $\sum_{n=1}^{\infty}$ by = $\sum_{n=1}^{\infty}$ an = $\sum_{n=1}^{\infty}$ an = $\sum_{n=1}^{\infty}$ an = $\sum_{n=1}^{\infty}$ and $\sum_{n=1}^{\infty}$ e unique in the configural in the sum of $\sum_{n=1}^{\infty}$ by = $\sum_{n=1}^{\infty}$ by =

T KPUTEPUR HA KOWH

Floged San e exogramos= NENO IN=N(E): th>N, tpeN=> |an++...+an+p|<E

Dokazairer ceirleo:

Sn = Dar; No gertumunus 54 Per e exogamy 0=10

V=N {Sn3n=1e exogamya. 0=10

A=N HE70 IN=N(E): Hn>N; HpeM=N ISn+p-Sn/<E

Dan+1+...+ antpl<E

