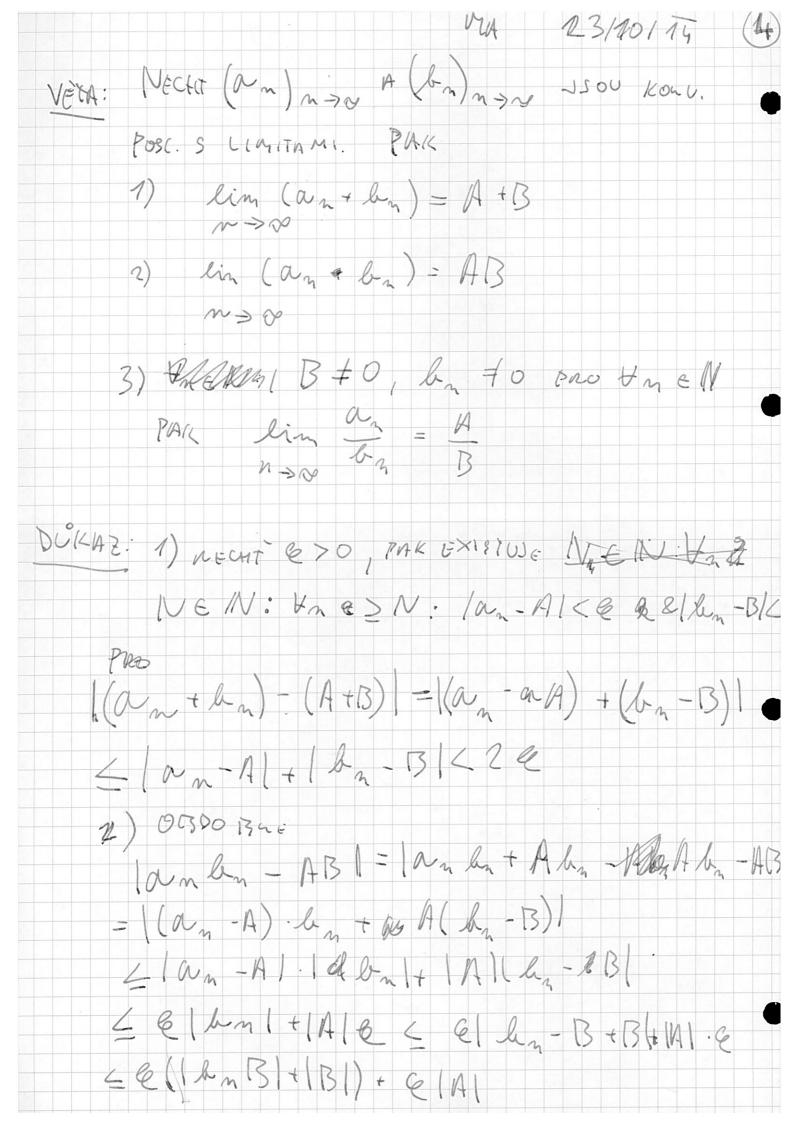
ansa Heso BNGW Yn >N: la -alc VETA: JE CI (On) NEKCESAJIET A SHORA OUTEZEAR PAR EXISTUSE LIM de 4 CIO lim an = syp ({an:neW}) DCKAZ: 1:- sup ({an nelles Buo DAGO 6>0 PAK: Oun 4 1 PRO USECHUY MEN 0 7 m ElV: am > 1 - 6 PRO KAZDE NZ MPLATI 1-EKamKanKI 04 | wn - 3 | = 1 - wn < 6 PRIKLAS lin (1+ 1) - DOKA ZAT RUST - BERNOULIDED NERDY NOST - DOKAZAT QUEZEGOST BINOVICKA VERTA $= \sum_{k=1}^{n} \frac{1}{n} \left(\frac{1-4k!}{n} \right) \left(\frac{1-2}{n} \right) \left(\frac{1-2k+1}{n} \right)$

23/10/14 2 NECHI VETA: (Nn) n > 00 a lan) n > 0 sou konversoen in 5 CLOMITHAMI LAM. POKUD EXISTUSE MEW, MIKOUE, ZE PRO VSECTION m > Noun > bon , PAK PLATE , L > M. DOILAB. SCOREM e= M-6>0 ... Existure No EM, TAK ZE PLAN / m = No: 100 - L | < 8 8 la 14/26 Pro n = max (No, N) an= L tan-L < L+ (an-L < L+ & \$ L+&+M-M=M+&-Z&=M-&= M-ly 76n- & L & + ln- & - ln => an < by

VETA: (O RUOU POUCAS TECH) 1914 NECHET POSCOUPHOSTI (and no la monte la monte de SPLULSC; e lim an = lin bn - / e Fra No EN: 4n ZNo: an Con Can PAR DE 1 Cm Konvergentori, cimita Exstusa 10n-21<6 lin cn = 4 DUCKAZ: NECETT & >0 3 N, EW; In = N, : Une(L-&, L+le) - 7 N2 EN 4 n = N2: bn e (4 L- 6) Pron > max (No,N,N2) LEZI V INTERVALO o cn € (an, bn) € (L- & L+ &). |cn-L| < &



& + & (13/4/A) < & (13/+/A/+1) 861 BEZ. US. LA. O. 3) STOJLE SURO 0 PRICAD: 1) ling 2 n 2 + n + 3 n > 1 n 2 + 2 2) lin (n (/m+1 - /n)= = lin Vn (Vn +1 - Vn) (ln +1 + Vn)

VETA: Poscovenosi (am) mos o BUDI i OOZEZEUA, A POSCOUPGOST (lan)n > 00 -> 0 PAK 1 $(d_n, l_n)_{n \to 0} \to 0$ DORAZ: | an | E A pro USECHUA MEN 6 >0: 3NEN: 4ne 211: 16m(< 6 PACL PRO m > 1V: 1an a lant - 0/ < A & FORE POSCUURNOSTI POD POSCOUPNOSTI DEF: NECHT (a), a) DE COSCOUPLOST, PAK (b), b21...) nuever 100,000 (000051 (da) n 70 PRAVE KOGS EXISTUSE ROSTOURI ZOTS RAZENI fo N > W (m < n => F(m) < P(n)) Que lon = Of (m) m cm com com 3... 1 by = 0 m, 1 ba = . On 2 1 ... Price 49: (2,3,9,7...) JE PODPOSCOSPAUSI