Eure $\{Ean, bn\}_{n=1}^{n}$ - comercibarous cuemera, mo $\exists!c: \{c\} = \bigcap Ean, bn\}_{n=1}^{n}$ me y smun ompeyeds eeme equicion because obique morka. \varnothing -bo: 1) \varnothing okamen, rmo obique m. cyuy-rom ε cuemera bromeneux ompeyeds.

Paccus -us A = { an, n \in N} u B = { bn, n \in N}, ye А и В - миотеитва мвекх и правося конув omprez Kob coombemenbenno. Toxamen, rmo Va: EA, b; EB ai = bj. Dul zmow paucu-u ompizox, biominuid b may bourne [ai, bi] a [aj, bj]. The uzbumus, imo que buomenuoix ompezzob bunosusemae: [an+1; bn+1] = [an; bn], mo muxuu ompreznou morno abulemae omp [ai+j, bi-j] = t M.u. t buomen. b[ai, bi], mo ai+; ≥ ai M.u. t buomen. b [aj, bj], mo bi+j = b; => ai = ai+j = bi+j = bj. Moya grue ∀i,j ai ≤ bj => A, B - ugens u no III arcuone Jc: ∀n ∈ N ax = c = bu, m.e. c = [an, bn] => c & n[an, bn]. г) Докатем, тто такал точка единитвеннах. Typegnacomun, romo Jc, c' C'>c: c & M[an; bn] u C'E Man; la]. M. K. ompezku conscularory were, mo Bu-au-E. Tycomo E= C'-C > O. Uzbecomo, romo au = C => -an >-c => bn-an > bn-c. TII.k. c' \(\beta_n, mo \) c'-c \(\beta_n - c. \) C'- C = Bn-C = Bn-an = C'-C = E?!