1.4 2.C2) 下确显 10 上确界 1 且y最大为SupB. y>SupB-S Ry. A.y 7 SupA-supB-ECE+supA+supB 以后代方方方,方,方,一) #E可I语取 :XY > SupA. SupB-E. 八 1 为上石面2 epsupAB= supA. supB. いかつの、ハーカフの 23 7.证. n->m或封 2n->m回样成金. HE70 JXE市、使得 n>記財政 入O为下确养 = 1/m a1+a1+a1+-+a2n-1 + 1/m a2n-2n-2n-2n 以下确备一支上确备一 = Vim - azn-1 + Vim Gzn = C 1x | x + 4x+ 3 < 0 (= x & C-3,-1) YXEC-B,-1), X7-3. 1270. 3xEG3,-1), S.t. X<-3+9 故-3为F确界、上确界证明问理 3. · S有路、解谜其中个路和 by dres. X50. HEZO , AND NOOT ING ME HORN SO -x>-a. x-xeT: 0 = Vimia. a. -- an 2 timina -- an 17m 7 a .-- an Sn-N SUPS YXES. X<SUPS. 且以ETO, JSES S.t. XXXX SUPS-E. N国文 - Timma, ミッルるム : Um naaz--an= 0 X<E&Sups &-X=X€ 6.070 HE TO, ANENY, NON | an-a | 58. Vimina: - an = Vim nais - an Vim naung 4570, 746T, S.t. y < - SUP 5+ E. < (G+ E) n. 1. - SWPS> Int EP Sups = - Int = a 1. Vim 1 + a + · · + a = vim n a, a - a n JW= HXEA X<SUPA Vimgan > Vim 9 as tyeb yesupb. (KXX) Y70 2 the liman a limitara to an = a. 1. X.y < SUPA. SUPB. zi timpan zl. YETO, FXEA ID X7 SUPA-E. ET X. Y 7 (SWPA-E). Y. illimn 21in-an= a.

0.全Sn=a,+..+an Vim a,+200+~+nan = Vim 5=5,+>CQ-5,)+3CS3-S2)+~+n(Sn-Sn-1) 1-DAG Vim 5,+5,+-- + Sn-, 9.0分情水のazo、n>N |au <2 Vim |au | = 0 シ Vim |au | + ··· + |au | = 0. n=100 n+100 n+1 n-100 17. (1) [[n] 1!+2!+3!+-+n! $= \lim_{n \to \infty} \frac{n!}{n! - Cn - 1}$ (3) Vim 1+12+113+-+1/1 h→m > Vim nn n-Ja 12.62) $f_{1}t_{0} = \lim_{n \to \infty} \left(\frac{(1^{p} + 2^{p} + \cdots + n^{p})CI+p) - n^{p+1}}{n^{p}CI+p} \right)$ 2 $\lim_{n \to \infty} \left(\frac{n^{p}CI+p}{n^{p}CI+p} + (n-1)^{p+1} - n^{p+1} \right)$ 4 $\lim_{n \to \infty} \left(\frac{(1^{p} + 2^{p} + \cdots + n^{p})CI+p}{n^{p}CI+p} - n^{p+1} \right)$ non dibn+ + dnbi ab $|Im| \frac{n^{p}CHp) + n^{p+1} + C_{p+1} \cdot n^{p}G_{1}}{(1+p) \left[n^{p} - \left(n^{p} + C_{p}' \cdot n^{p-1}G_{1} \right)' + \cdots \right)}$ $\frac{PCP+1)}{2} \cdot n^{P-1} + \cdots$ $\frac{1+P\cdot)(Pn^{P-1}+\cdots)}{n} \cdot \frac{1}{n} \cdot \frac{1}{n}$ n Tai-an = n ai-a> ... an Canti ... an) = 9 Sn Jant -- an Vim Majsh JMN=M n/a-an > M. Tillet