HCZO ZNEW BRON (an+1 70 =) an+1 < 2 DI I no EN, NINO an+1 < 262=1 *分正复讨论 4 ': lim xn = a (tg70, 3 NeN, 当 n7N 有 | xn-a | < 2 由绝对值不绪 1/2m1-1a11 < 12m-a1 < E : lim |xn |= |a| 成立g. Xn = (-1)n

サ970 月2N=max(20,[是]+1) 取fGO取N=max([a]+), a[a]+1, [a]+1)! [a]

[[a]+1)! [a]

[[a]+1)! [a]

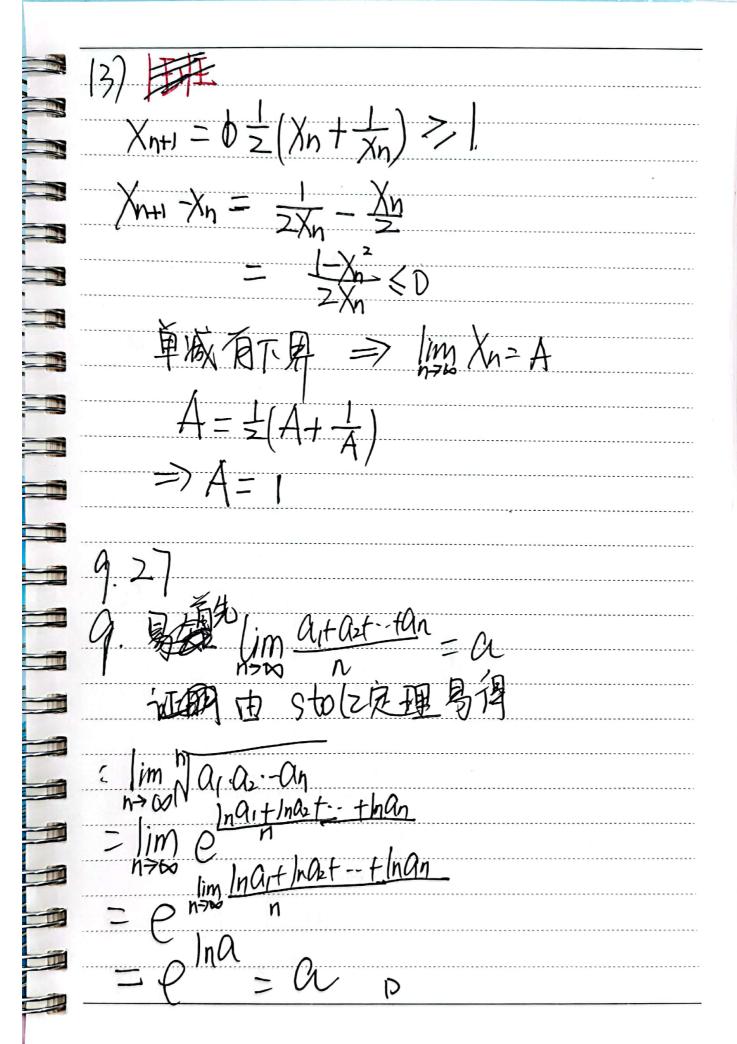
[[a]+1)! [a]

	8. 4670, 取 N=[lgm]+)
	19(41)
	则当 n > N 有 n > <u>lam</u> lg(异+1)
	lag (Z+1)
	$\sigma_{n}(\frac{G}{A}+1)^{n}>m$
	则有 27 MM-11A
	: Nantan-A
	$\langle n \sqrt{m \cdot A^n} - A \rangle$
	$= \lceil n \rceil m - 1) A < 9$
-	

(n+1)d_nd=na/(1++)a-) · X & (0,1) (Hth)X $n\alpha < n\alpha \cdot h = h$ 又 (n+1)~-n~>0

+x+x-x(2n)x(2n)同易矢121-1)X(211H)<(217H) (2n-1)!! $^{2} < \frac{2n-1}{4n^{2}} < \frac{1}{2n}$ 易欠 $(2n-1)\times(2n-1)\times(2n-2)$ $\frac{|21-1|!}{|2n|!}$ $\frac{2}{2}$ $\frac{2}{4}$ $\frac{1}{4}$ 2027 - +nan

TX证有极限! Muti > Xn D n=1 X2= |+ X1 == 3 > 1 成立 巴假设当儿上人 外一次 B \$ 1=2H XR+2-XR+1 X2+1 (1+Xx) - Xx(HXx+1) Xk+1 -Xb- >0 (HXk+1)(I+Xx)



= lim (n>60 ma) (htilut lim Nan=

11. DAH = antbn = Nann = any HONZ bisai ... ant brzani bn+1-bn - an -bn <0 1/2n+1<bn 〈加重城有下界D·/bn收敛 $\frac{Q_{n+1}}{Q_n} = \sqrt{\frac{b_n}{Q_n}} > | 2 Q_{n+1} > Q_n$., bnt <bn : bn < b, Xttan有 an < bn < bn (Ch)单幅有上界 bi lim an= a lim bn=b 的 britt = anthr 两边环极阳石 $b = \frac{a+b}{a} : a = b$

	16. 首先不对在2 Xn V lim Xn = D
	V7007111
	A = 1
7	$4an=1$ $bn=\frac{1}{Xn}$
7	LIA limb - 100
-	\$6 bn 1 /im bn = +∞
	IN STORE IM
	1) Stotz I'm Anti-An NAW bati-ba
	- 1: NH - N
	- lim MH-h n>w Xnij - Xn
	N→W XnH Xn
	= lim A Xn+1Xn N>00 Xn-Xn+1
	1700 $\times n-\times n+$
	$\frac{1}{2}$ $\frac{1}$
	$= \lim_{N \to \infty} \frac{\chi_n(1-\chi_n) \cdot \chi_n}{\chi_n - \chi_n(1-\chi_n)}$
	$N \rightarrow \infty$ $\chi_{\eta} - \chi_{\eta} (I - \chi_{\eta})$
	$=$ $[im](1-X_n)$
0	h-m
000	1) / / /
	$ \exists stol2 \lim_{n \to \infty} \frac{a_n}{b_n} = \lim_{n \to \infty} \frac{h}{x_n} = \lim_{n \to \infty} h = 1$
	HAW PU MAN WAR
1	
	T 1-50 . 7 . 7
1199	LX JAIXINE
	J. J