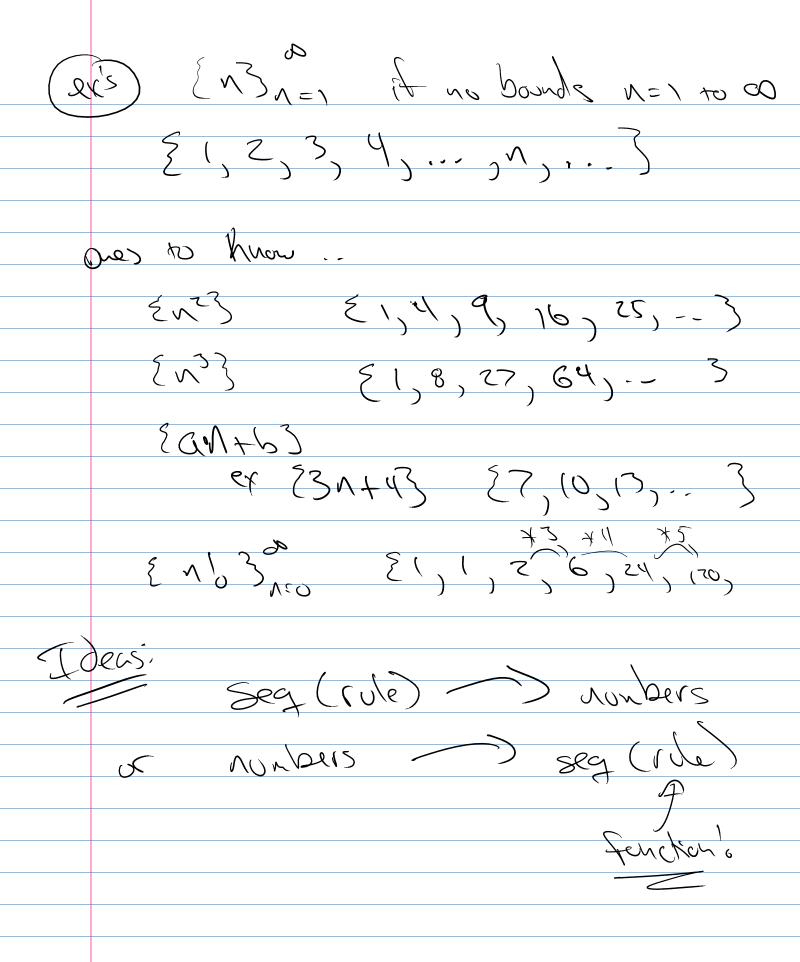
Mah 293 25/ Exan ch? (10 probs + 2) tonight 10 pr > thus 7pr 105 MM 3 (2) Loca For 7.1 (4) Vol. Form 7.2 (3) Vol foor 7.3 6 Are length from 7,4 (7) Spring (work (8) Fluid (work From 7.5 (a) Cable (work) (10) DIA EQ FOON 7.6 (1) * (extra) Orth Eg.
(12) (exter & Mass

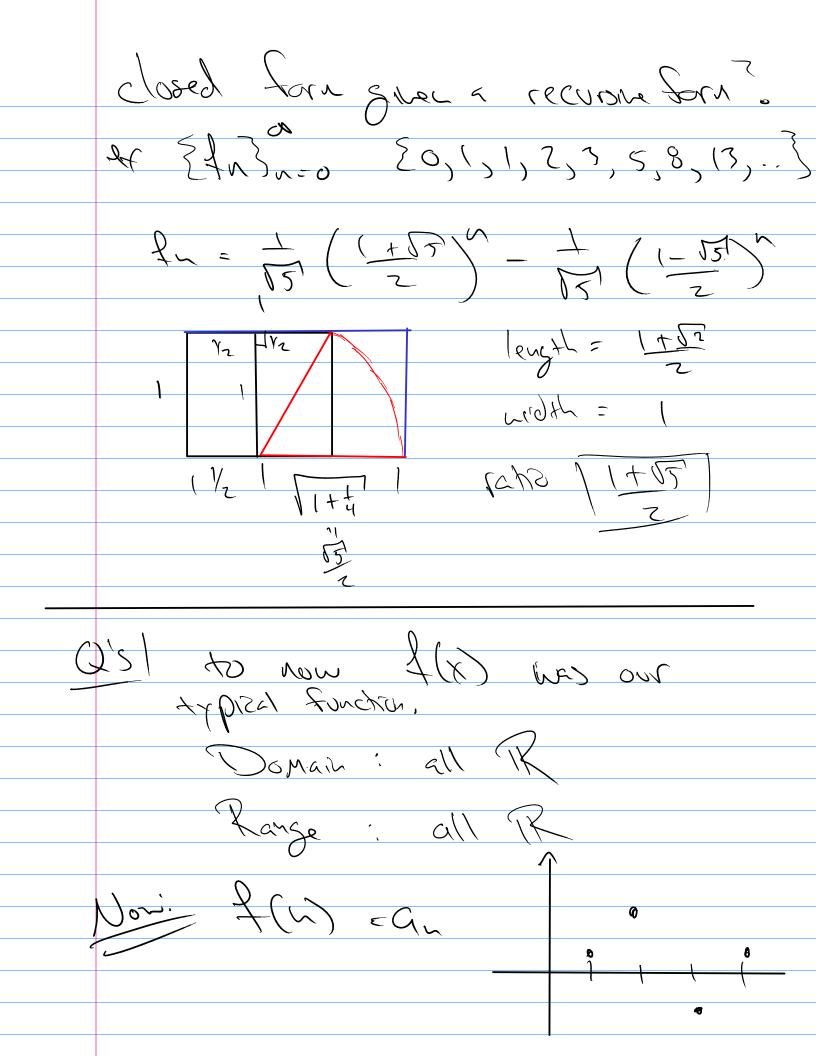
functions (Co Donain 7(8)= 7 17 K70 2 is a function Jertical test Forchas are roles that rap elevents from Jorah to elevents a the codorain with the following two restrictions O it not map all elevents of Johan Deach elevent & dorain gets one elevent from codonain

Seg viluces Eucha whose Jonain is a subset the itegers. Typically Elizis. - 5 f(n) = n + 1 n = 1,2,3,... 7(3) = 10 f(v) = nonder of letters for the word representing in N=01/5/3' .. instead & 3 ai) airi) airi). Хч



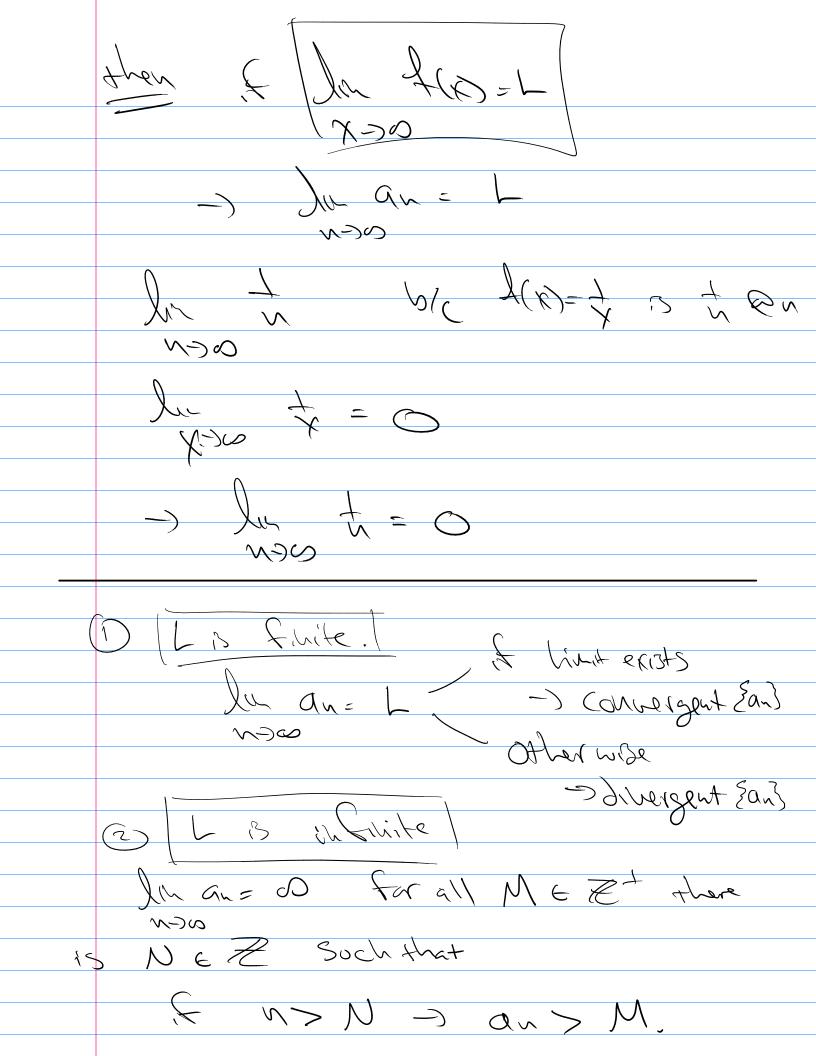
Types & Sunctions. (D) Explicit Functions (closed forms) $e_{\kappa}) \quad \alpha_{n} = n_{0} + n_{-1}$ an= in $Qh = \frac{1}{1} \times h$ (2) Indutive a fecusive function ex) Vasis: (Start Yalves) a = 0 0, = 1 Ingaque (Lecoloire Eole an = an-1 +an-2 n=2/3. $\alpha_0 = 0$, $\alpha_1 = 1$ Qz= Qo + Qz = 0 + 1 = 1 as= a, + az= 1+1 = 2

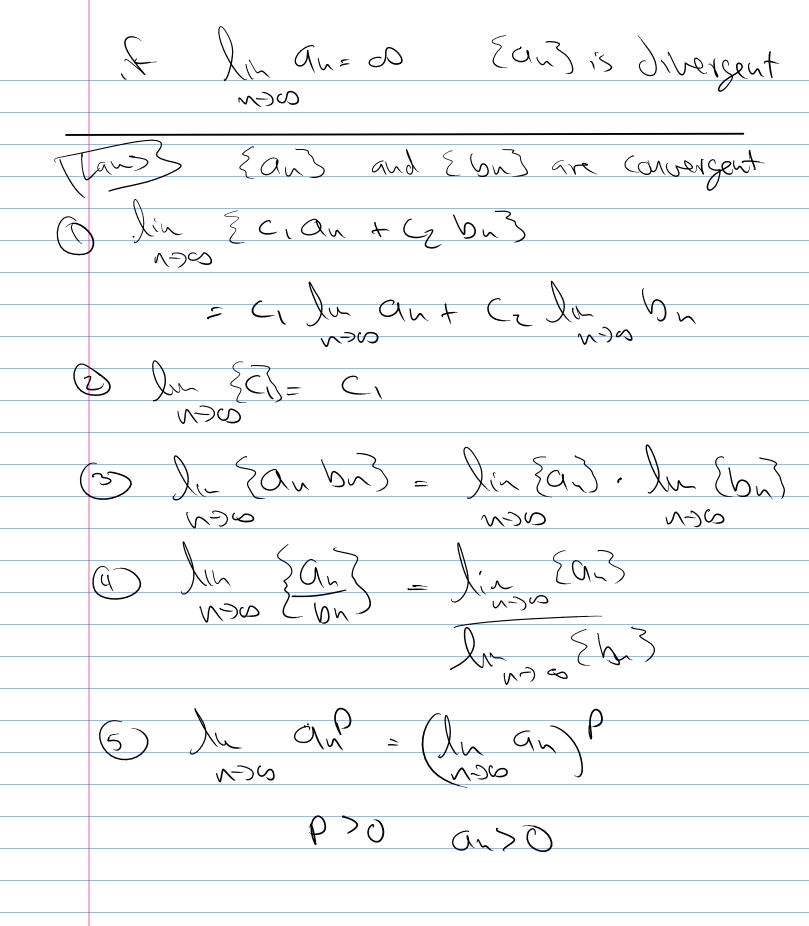
Ea-3 {0,1,1,2,3,.-3

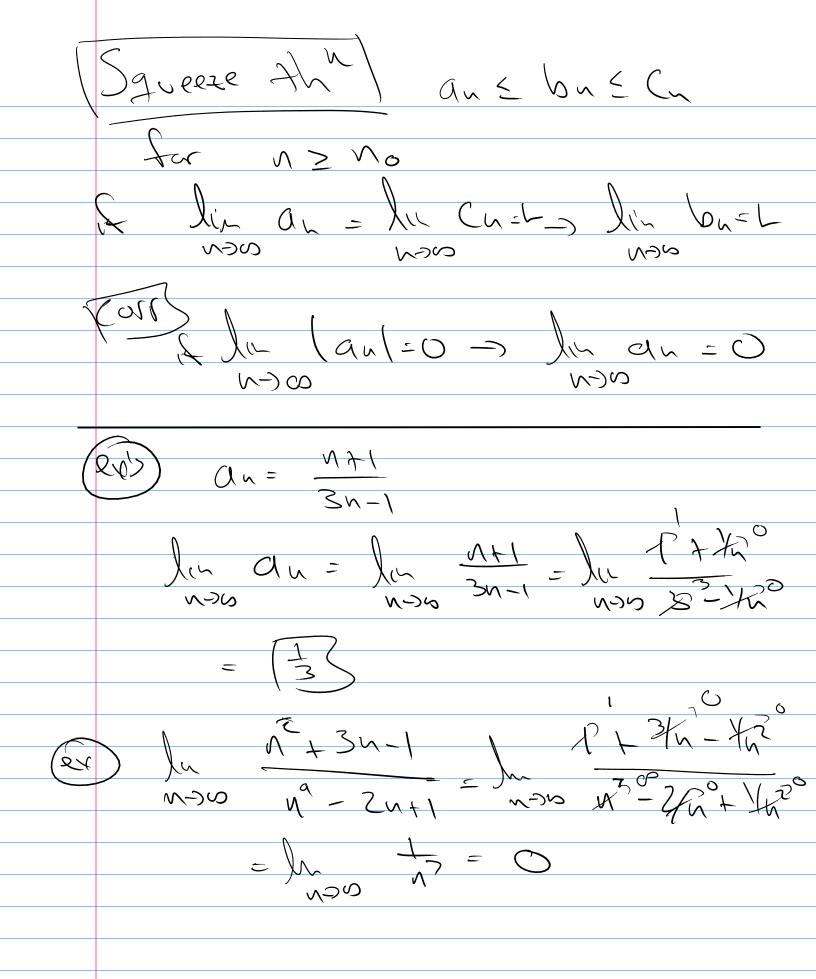


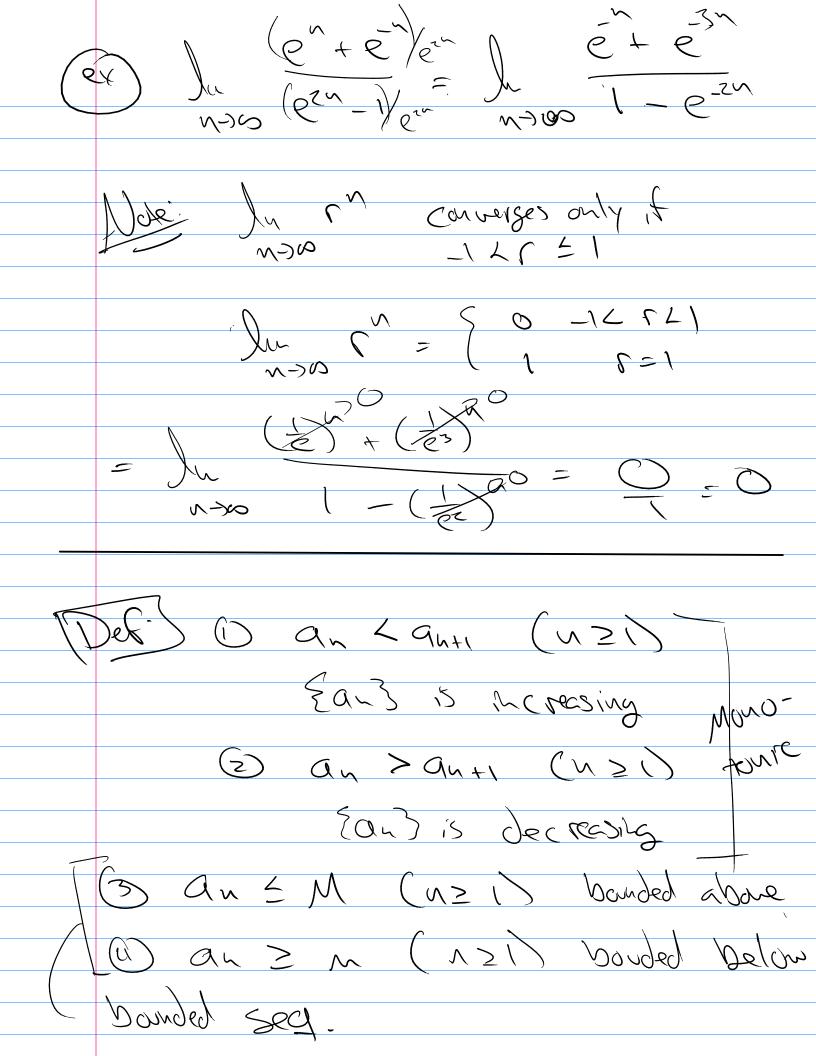
A(x) had livits. XAC 14(x) -L) LE 02 X-0128 3(8) fa) have a Sturky limit no values have! /n +(x) = WEX ×>M -> (4(x)-W/4) 95

for I(m) = an lin au=L of an->h as n->0 then is a NEZ Such that (N>N -> | au-L 1 22 > f f(m) = an where f(x) < cont. real valued function. an= + de 2(x) = x









East is montanic theu it is 12021, 12020 Series - adding the terns of a sequence. ¿ a 2 / 20, a 2, a 3, - . } markite Series. Contactory to ---How to add an a number of terms? Le can do partial sons. St = 2 an = an + az + - + at It value & partial Sun @ t ble SE 15 Fencher on iltegers 1/3 a seq. Seq. & Seq. &

Seq. &

Seq. &

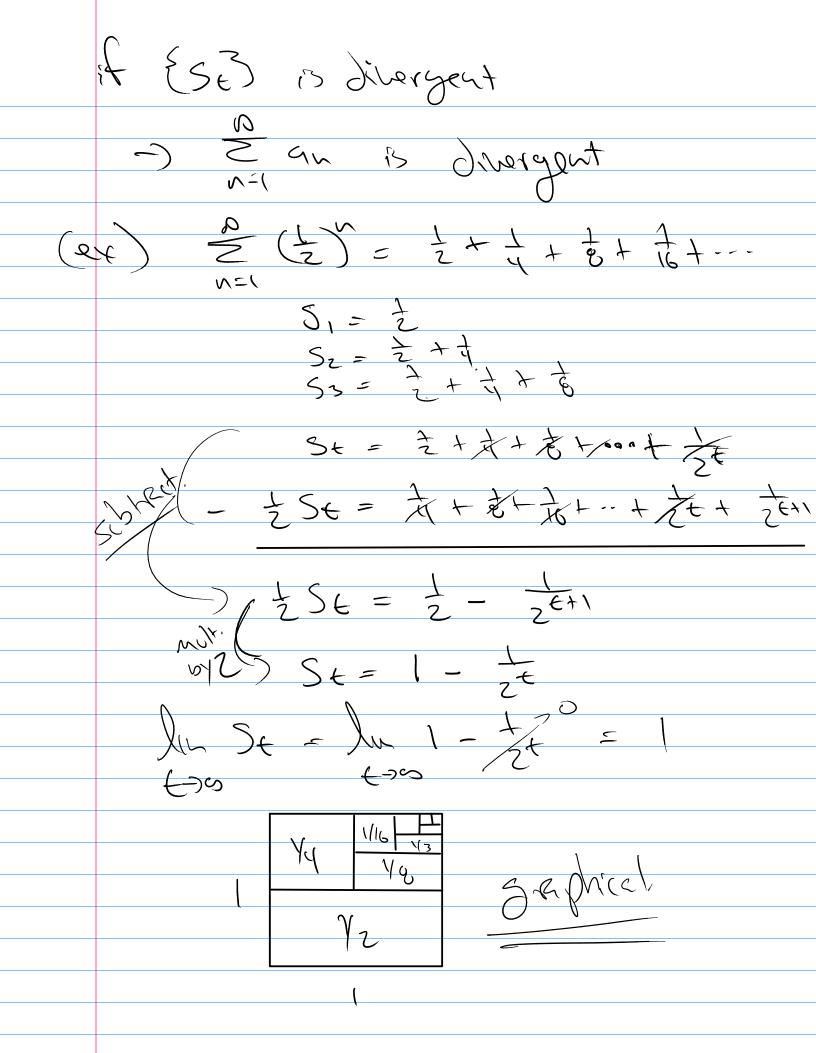
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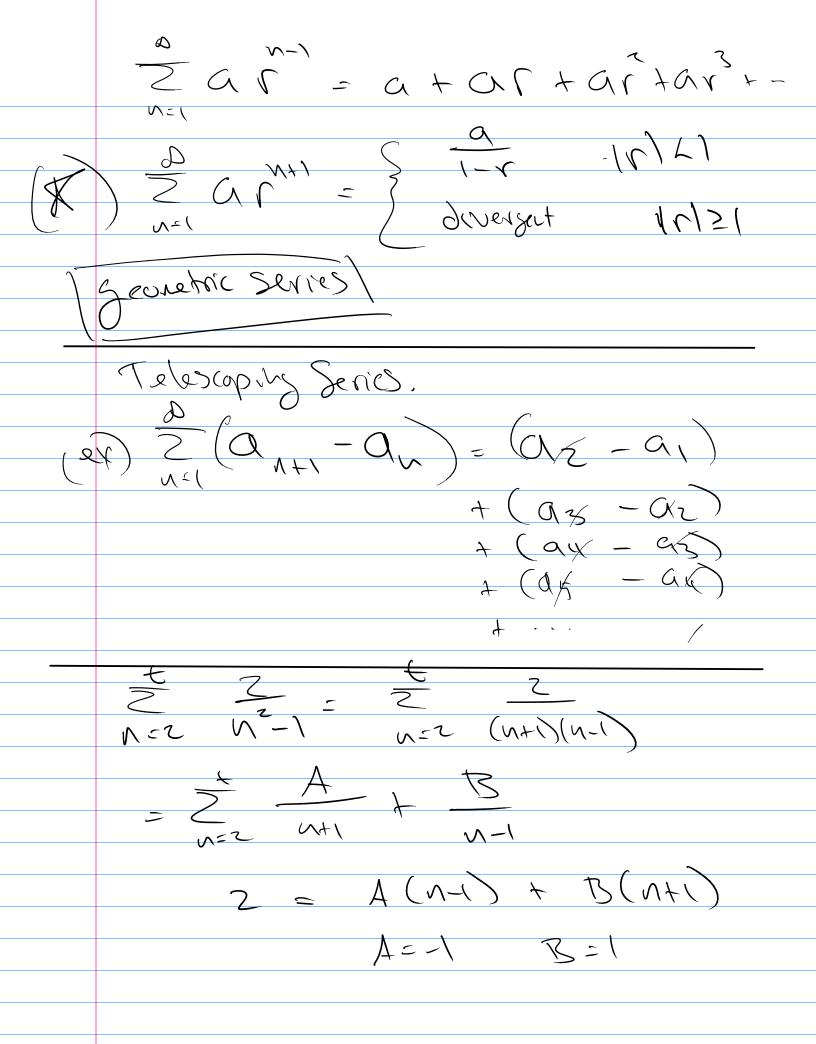
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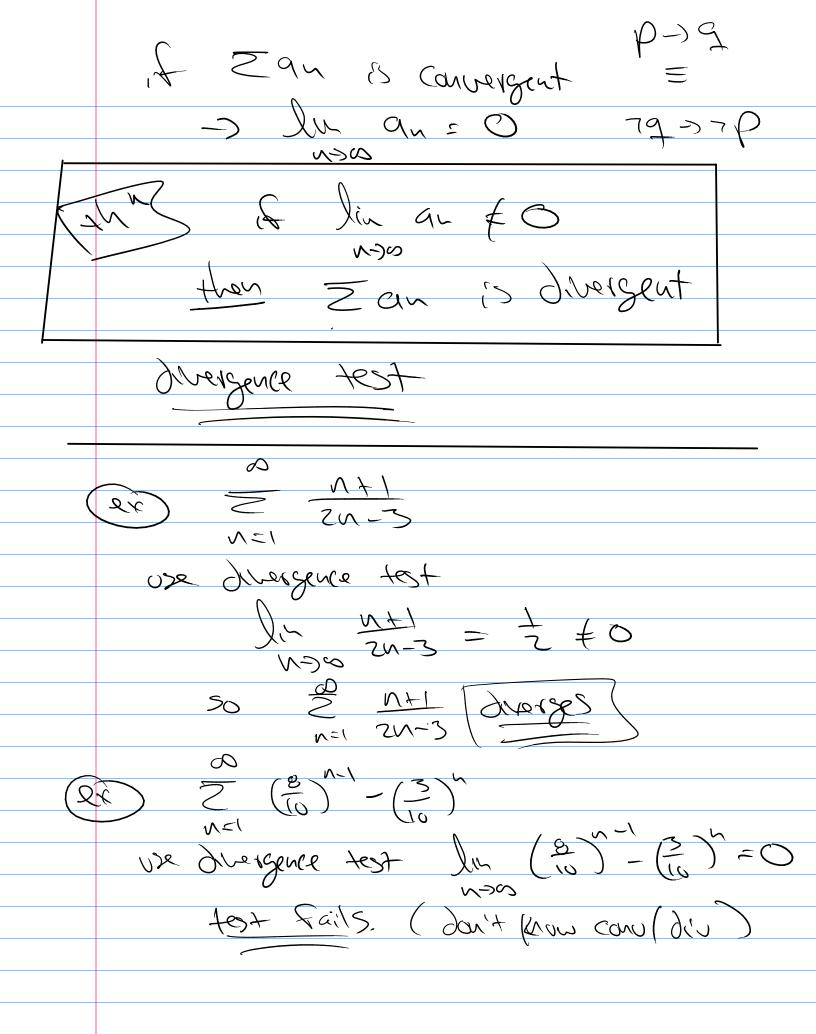
a seq.) then Z and Series is





$$\frac{1}{2} = \frac{1}{2} + \frac{1}$$

(vergence E(1) CMIC & (t) + + + + + + + -- $S_{1}=1$ $S_{2}=1+\frac{1}{2}$ $S_{3}=1+\frac{1}{2}$ $S_{3}=1+\frac{1}{2}$ $S_{3}=1+\frac{1}{2}$ $S_{3}=1+\frac{1}{2}$ Su= 1+ 2 x 3 x t(+ 1 = + = + =) St=1+ 2+ 3+ 1, --+ 1 Sus 1+ 2+ 2++ St > 1+ (=)(t-1) lu 1+ == a divergent > lu St = 00 durgert



las & Can. Server are Cohu, CEIK CIETR > (1 an + Czbn = (, 29x + CzZan 1 con Seo. Seme.