$$\sum_{n=1}^{\infty} (n+3) \cdot arcsin^{\frac{2}{n+3}} = \frac{1}{n+3} \frac{1}{n+3} = 2 \neq 0 \text{ paragrap}$$

$$\sum_{n=1}^{\infty} \frac{5n-6}{n^{5}+5} = \frac{1}{n^{2}} - coognin (420)$$

$$\lim_{n \to 0} \frac{5n-6}{n^{5}+5} = \lim_{n \to 0} \frac{5n^{2}-6n^{2}}{n^{5}+5} = 5(\frac{1}{40}) = 5 \text{ dign}$$

$$\lim_{n \to 0} \frac{5n-6}{n^{5}+6} = \lim_{n \to 0} \frac{5n^{2}-6n^{2}}{n^{5}+5} = 5(\frac{1}{40}) = \frac{1}{1000} = \frac{1}{100$$

= 13 go 14 139/21=19/2/3 aurbern 1/6, 1/9 - 2/9 = 124 15 +a 5-2-1 omber 13/2, 13/3, 9/2 5-142 441=739  $\frac{2}{N-1} \left( \frac{2 \ln e(8)}{\ln e(0)} \right) = \frac{1}{2}$ Sn = (1 - f) + (1 - f) + (1 - f) + ...+  $\frac{A}{2ner8} + \frac{B}{n+10} = \frac{1}{6ner8} | (n+8) = \frac{1}{20} - \frac{1}{20} + \frac{1}{20} - \frac{1}{20} + \frac{1}$ A fu+10/+13 [201+10]=1 

\( \frac{\frac{90}{\sigma}}{\sigma^{n-1}} \frac{\frac{30}{\sigma^{n-1}}}{\sigma^{n-1}} \frac{\frac{30}{\sigma^{n-1}}}{\sigma^{n-1}} \frac{30}{\sigma^{n-1}} = \frac{1}{\sigma^{n-1}} \frac{\sigma^{n-1}}{\sigma^{n-1}} = \frac{1}{\sigma^{n-1}} \frac{1}{\sigma^{n-1}} = \frac{1}{\sigma^{n-1}} \frac{1}{\sigma^{n-1}} = \frac{1}{\sigma^{n-1}} \frac{1}{\sigma^{n-1}} = \frac{1}{\  $\frac{2}{5}\frac{n+1}{5^{n+1}}=1$  in  $\frac{n+1}{5}$  = 1/5/1= cruyens?  $\frac{2}{5}\frac{n+1}{5}$   $\frac{1}{5}\frac{1}{100}$  $\frac{2}{2} \frac{1-1/39}{10^{3}} = \frac{2}{2} \frac{34}{90^{2}} = \frac{1}{90^{2}} \frac{1}{90^{2}} = \frac{1}{90^{2}} = \frac{1}{90^{2}} = \frac{$  $\frac{2}{1-1}\frac{1-1}{2n-1}\frac{2n-1}{2n-1} = \frac{2}{2n-1}\frac{2n-1}{n-1} - \frac{1}{n-1} - \frac{2}{2n-1}\frac{2n-1}{n-1} = \frac{2}{3n-1}\frac{2n-1}{n-1} = \frac{2}{3n-1}\frac{2n-1}{n \frac{2}{5} \frac{2n-1}{3n+1} = \frac{1}{3} \frac{2n-1}{3} = \frac{2}{3} + 0 = \frac{1}{3} \frac{2n-1}{3n+1} = \frac{2}{3} + 0 = \frac{2}{3} \frac{2n-1}{3n+1} = \frac{2}{3} \frac{2n-1}{3n+$  $\frac{2}{2}\frac{9n-l}{n-1}=\frac{1}{n}-prenagum (L=1)-pleanagum)$ 

E Hell 47 1342+4 1.34 Kel1 <3 X+123 2×22 1 2×2-4 n=1 (5454134 porg maganor L=3>1
nous x=9 2 1-1/1.3 as (4-2) = crugum ascellamen N=1 15 43+4)3" (eurbern: [-9,2] -12= (+ey=1 -3,56×=-95 XE(-3,5;-95]