12.03.2021 Testel 22 0 = 43 n2-35 n-6 + 43ho-35h-6 49 1 - 351-6=0 = 6-400 = 2401 = 49ª hy= -6- JO = +35-49 = -11 =-1 hz = 35+49 = 24 , 43 43 h2 - 35h -6 = 19 (n-+) (h+ 42) Zan 24 73(h-1)/143) (n-4) (43n+72) an (h- 1/4 34 , 42) (h- 1/2 (4344 36) A(434+42)+12(173) (10-4) (496+40) A(49 h + 42) + B(4= 1) = 1 436+42 00-2 n= + 13 /2 B(-43 - 1)=1 B-1= 1 => B=-16

10.03.2021 Testel 22 0 = 43 n - 35 n - 6 49 1 - 3511-6=0 0 = 6-400 = + 4000 2981 = 49° har -6- VO = +35-49 = -11 -1 20 = 2.49 = 38 7 hz = 35+43 = 29 , 43 43 h2 - 35h -6 = 49 (n-+) (h+ 42) Zan 2 # 73(h-1/42) (n-1/43n+12)
an (h-1/43h+42) (h-1/43h+36) A(434442)+13(h) (n:4) (494, 40) A(49 m +42) + 12(43 1) = 1 43h+42 20 =2 n = 43 po B(-48 - 4)=1 B-1= 1 = 2 B = -16

(n-3) =0=> h= == => A. (43 - +42=1 => 49 H= 1=> A= fa $\frac{1}{49n^{1/2}}$ $\frac{1}{(n-\frac{1}{2})}$ $\frac{(49n+42)-(n-\frac{1}{2})}{(n-\frac{1}{2})(49n+42)}$ n-1 99h+42 (h-\$)(9h+42)ah = 1/2 - 1 h-1/2 43h+42 Sn = [1- 1/9 - 1/9 + 1/2 + 1/3 - 38 + 42 S = lim Sh

₹ 1.3.5. .. (2h-1) n=1 d'alambre 1.3.5...(2h-V antiz 1.3.5. (2(h+1)-1) an 2 6m 1.3 5:...(= lim 2 h+1 = 5 $\mathcal{Z} - div$ $\mathcal{E} = \left(\frac{h-2}{3h+2}\right)^{3h}$ grad. Chanchys

Chanchys

Chanchys

Chanchys

Chanchys

Chanchys e = Cim 1 (h-2 3h) - Cim (h-2 3 - = (1) - = (1) - = (1) - = (1) - Coho

an 2 1 2 13/4 Dirichet, d= 3 4 1 => 26 div = 1 1 - Cos = 1 - div. $\frac{(4)^{h}\chi^{h}}{3^{h}(h^{3}+3h)}$ 2 ft) 1 3 (h3+3h) ant, = 3 463+3(m) R= Cim (93) = Cim 3 (h3+3h) 3h (h+1)3+3(hel) = $\lim_{h \to 0} \frac{3(h+1)^3 + 3(h+1)}{h^3 + 3h} = \lim_{h \to 0} \frac{3(h+1)^3 + 9(h+1)}{h^3 + 3h} = 3$

X - 3; 2 (-1) 3 3 (h3+2h) libhi 32 1+2-\$ 2 9+4 - aderoset - com. $\geq \frac{(-1)^h}{6^3+2h}$ $\chi = -3$; $\sum \frac{(-1)^{h}(-3)^{h}}{3^{h}(h^{3}+2h)} = \frac{3^{h}}{3^{h}(h^{3}+2h)}$ d'alanott. h3+2h = 1 => > -div (h+1)3+2(h+1) Raspuly [-3]3) - de menin de convergenta al $\leq \frac{(-1.)^{h}}{3^{h}} (h^{2}+3h)$

(4) Zan) Zbn - aivergense > (an-6n)-? I serilor dio nu existo son 2 s deci 9 - 2 2 Sem nu existé pat spuhe ca Z (an-bn) - div (3) $f(x) = \begin{cases} 2, -2 < x \leq 6 \\ 0, 0 < y < 2 \end{cases}$ T = 43(6), S(-11) $\frac{2(-1)^{h}}{2h-1}$ $\frac{2}{2h-1}$ $\frac{2}{4}$ $\frac{2}{4}$ $\frac{2}{4}$ $\frac{2}{4}$ $\frac{1}{4}$ $\frac{2}{4}$ $\frac{2}{4}$ On = 1 S 2 Sih(n x)dy + 1 So sih(nx)dx = = 2 - Cas(n) / 2 + 0 = 1-2 = -1 an = { 5 2 es (hx) dx + 1 5 0 (68 (hx) dx = 12 h sih h x J(X) = -2 + \(\frac{1}{2}\) \(\frac{1}{2}\) \(\frac{1}{2}\) S(6) = £(6+0)+f(6-0) = 2+2 = 2 3(-11)=f(-11+0)+f(-11-0), 0+0-0