4°F (explication) My Sen (My) Sem (my $|M=1| \sum_{n} |A_n|^2 \left(\frac{1}{2} \right)^2 = \frac{1}{2} = \frac{1}{2}$ M = 3 M = 3 M = 3· W=3 & = { 'M:4 & (7) = 0 · M=2 = (= (= =) = (= 1) = 1 . 4: 6 En (Et) = (-11; =1

Just mode { 0, 1, 1 }

lomby = lin 4n = 1 0 mac des as

Inif 4n = la4= = Q

() Un mai é convergent pois Fen Vädy Tas-lindes

(3) $ln = \frac{1}{5m} \left(\frac{m12}{M}\right)^{M+1}$

CA (M+2) M) Palaperal

 $\left(\frac{r}{r}+\frac{2}{r}\right)^{r}=\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$ $\left(\frac{1}{r}+\frac{2}{r}\right)^{r}$

 $\left(\frac{M+2}{M}\right)^{M+1}$

· In I = lin (5) = 0

h) & Wor-13m = - la V3m () Am 1+1+...+ 1 r=+co 32 32m Meter 1 32k $= \sum_{k=0}^{\infty} \frac{1}{3^2 k} = \sum_{m=0}^{\infty} \left(\frac{1}{3^2}\right)^m$ 5, 6. Pode of 6me -12/21 Sem = 1-0 1-1 1-1 9

19,

(2)

5. Krypoli G- an = 1 e K= K A Som é S = 9,+9,+..+9,-klm 9,5 = 1+ ft...+ f - k /m 2 = 1+ 1 + ... + 1

A Soma é LX (1+2+...+2)
appinel (2+2+...+2)
Convage

Sox = 7 4m = 0 3-0-3 (5) \sum_{m_3+2} 1- 1- 1 > 0 e finish : Pa comparção es vides Zintes Zintes The a mismi molinate. Como I was avage (S. Dirichlet Gru 2>1) a most to every $\left(\frac{2m-3}{2m}\right)^{m^2}$ $\left(\frac{5W}{5W-2}\right)_{US} = \left(\frac{5W}{1+\frac{5W}{2}}\right)_{SW}$ (e-3)200 = e-00 => 0 Nodo & Correlay 19/1

3

arlie de Rait Ju / (54.3) mg = /w (54.3) m $= \dots \left\{ \sqrt{1 + \frac{3}{2}} \right\}^{2n}$ = - 1 / ld (. da Naix Tile Corbife

d) I com that

= (GN. alsolid = [GN" fo(ta) = 5 fo(ta)

to(1) = Tan(1/2) = Ten (1/2) x - 1

Golfs) = Ten (1/2) x - 1

San(1/n) x 1 GI(1/n) 1 × 1 = 1 >0 e f : 17 4M Z J (/h) x Z 1 ti- - mono moluer. Como Et d'appe (5. Divaled en a 51) a rosse to diago i To Carl. obselit mit -> (av. sinafly 500) · Gu Jo an } any · an deascate J(2) > May) Pet C. Leignitz G.V. Timply mode

19,

U

(1)) \(\sigma_{\text{min}}^{\text{min}} \)

(av. drdd 5/.../. 5/m3+m

FPC. Và Cavega

of Cav. Solet mut

3

-42

) = -2 (21) +1414 = 2234

4

6°/18/A°

 $\frac{1}{100} = \frac{1}{100} = \frac{1$

 $R = \frac{468(4m)}{3} = \frac{4}{3}$ (adju) = 41 1+684)

Karco VIII = O

Karco VIII = O

Internal internal limits

C

Internal inter

(G) TEP. Palle "fati" = [9.57]
. fdf e 79.50 · frat-fry =) 3 acces: P(c) = 0

[1,17] . L f(1)=0=f(2) 7 & 12 (1/2: f(4)=0 /10) = 0 = /(1)] 02G<1 : /(G)=0 h' de 4 poir deilind (, (, G, G, 1) Sa(va) du Truls Tx = K u=t' du= >x dx $\int \underbrace{Cost}_{\mu'} \times 2t \, dt \qquad \mu' = \underbrace{Cost}_{\mu'} \Rightarrow \mu = \underbrace{Tu}_{\mu} t$ $V = 2t \qquad \Rightarrow V' = 2$ () = Tentx74 - Stantx7 dy = = 2+ Timt + 2 Get = 2 /4 Fer (Va) +7 61 (Va) + C Pid g(ET)=2 = 2x# Ten F +295 FAC=2 = C=2-7 · . S(4) = 2 Ter = (V4) + 261 (V4) + 2-9 1

$$\int_{0}^{\infty} |\nabla u|^{2} = \int_{0}^{\infty} |\nabla u|^{2} du = 0$$

$$\int_{0}^{\infty} |\nabla u|^{2} + \int_{0}^{\infty} |\nabla u|^{2} du = 0$$

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$$\int_$$

 $F(4) = 0 + 5(4-2) + \frac{16}{2}(4-2)^{2} + \frac{16}{3!}(4-2)^{3}$

 $\frac{1 \times 2^{k} - \frac{1}{2} \cdot 2^{k}}{2} = \frac{1 - \frac{1}{2}}{2} = \frac{1}{2}$ (4) (7) \[\lambda \text{ and (n) de $\int u \frac{dv}{dv} = \int u \frac{dv}{dv$ = x orju - 1/2 de = = 22 or 1 x - 1 S1 - 1+41 d4 = 12 adu - fr + f artu \$5 7 = --

 $\int_{-1}^{2} \frac{2e^{x}}{e^{2y}-2e^{y}} du = 2 \int_{-1}^{2} \frac{e^{y}}{(e^{y}-1)^{2}} dy$ -2 Se" (e3) 24 $\frac{-2}{-1} \left[\frac{(e^{4}-1)^{-1}}{-1} \right]^{-1} = 2 \left(0 - \frac{(e^{-1})^{-1}}{-1} \right)$ = 2 1/e-1 der Tels 84= E 274 = f? $\frac{du}{du} = \frac{du}{du} = \frac{du}{du}$ le= lux du = L df Jo Jo de + Sta de

$$\left[\frac{23}{3} - \frac{247}{7} \right]_{\alpha}^{1/2} =$$

$$= \frac{(\frac{1}{6})^{3}}{3} - \frac{(\frac{1}{6})^{5}}{5} - (0 - c)$$

$$= \frac{1}{3c^3} - \frac{1}{4c^3} = \frac{4}{12c^3} - \frac{1}{2c^3} = \frac{1}{12c^3}$$

$$\frac{1}{RO^2} = \frac{2}{3} \Rightarrow RO^3 = \frac{3}{5}$$

 $) \Rightarrow 32^{4}-1>0 + 2^{6}>\frac{1}{3}$ u > lm (1/5) D=] ln(1/3),+00[· Pede have A. Vatele u= lu(1/5) $\lim_{x \to h(4s)^{+}} \ln(3e^{4}) = \lim_{x \to h(5)^{+}} \ln(3x\frac{1}{3}-1) = \lim_{x \to h(6)^{-}} -\infty$ HE A. Vetical 21 = lm (1/3) · A. Hoirnell Te I la 40 ± 10 la la (3841) = la (40) = 400 NR. A. Horse · A. adlyn M = l' = f(4) 18/ M= l= lm(3841) = R 3841 = 1

l (32 -1) - 1u - +0-00

= 2-3

in the Court of the second of

Im(3e4) = ln(2 24/m3)

A. oller 5 = 14+23

la (u.y.)

le la (3e-2)+1) (3e-2)
4446
3e42