了吗——不 OT=1-47 porty, Osreq z (\$0, asn c nouseusors xolfrom North > [ hor ( 8An) - 4= 0 U 70me cause gue , 0= 0. { - 2 ( v 3A4) - Av = - 47 poor ( 1 3 ( n 3/2 ) =0 to = Due AT = - un poures. Ar=C,r+ Cz, Ay= - 70 pwp3+C3r+ Cy, Anounumorus off=0: Ar=CqV+Cs; Ay=Cgr+ Co; Az=Culnr+C12 J.K. Mu 1200 more ofr. Av= C3 ; Aq = C10 ; Az = C12 Aptals = = = pwa3 + c3a + a = dA = dA = C5 = 0 Avacourus GLS.

dn = dn = C5 = 0 Avacourus GLS. DEVEN: 1 Av = C; H= DxA = ( = 342 - 344 | 50 + ( 370 - 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( 370 / 34 ) = + | ( = 0+0+ \frac{10}{ron}(rAp) = \frac{27}{c}pw(a^2-r^2) \frac{1}{2} \quad \text{gua} \text{ of } \cap \frac{1}{2} \text{ of } \fr

u N=DAT= D guls r≥a

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N2.
SQ = | - 4TR S(F), O = r & R2
O, R2 = r c R,
   1 3 ( 12 30 ) + 1 3 ( Sins 30 ) = 0
    Q(r, 01= R(r). O(0)
     => 28 /20 tr [24 R'+ m2 R"] 0 + tr[cdg9.01.0"] R=0
      => 21= 12= = -ctg9= + ==d
   1 LS K11 + SNK, - TK = 0
   { 0" + cty 90' + 10 = 0
    \Rightarrow \varphi = \sum_{n=1}^{\infty} \left[ A_n r^n + \frac{B_n}{r^{n+1}} \right] P_n (\cos \theta)
   1. A P= - 47e 5(下)=> P= 廣十户
   2.12 9=0 => 9= Cz
    3. Japao

Lum F = E ws 9 Fr - E sin 9 Fo = MA CSI = 0
           28250
       1 (+ = Cz
      { c2= (C3+ (n) + (- E1+ (5) coss
   T.K. your > w: \varphi = -Ercos g \Rightarrow C_3 = 0 ~ Caller
     T.x. Jam. com. E Ma R. patru mjus, 70:
      do = 0 > Person ER = ER, + PT = 0 >
                                          => ( = E R,3
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T. 12 SEdifornes CIO Bayron E=0' Us reopens Paycoa;

Cy= 2.

Torga Cz = 2 u Torga C2 = & u C= e( 1/R1 - 1/R2)  $\Rightarrow \varphi = \int \frac{e}{r} + e\left(\frac{1}{R_1} - \frac{1}{R_2}\right), \delta \in n \in \mathbb{R}_{2i}$   $= \int \frac{e}{R_1}, R_2 \leq r \in \mathbb{R}_{2i}$ E = - grad p >>  $\overline{E} = \begin{cases} \frac{1}{r^2} \overline{e_r}, & 0 \le r \le R_2; \\ 0, & R_2 \le r \le R_1; \\ \frac{1}{r^2} + E(1 + \frac{2R_2^3}{r^3}) \cos \theta \overline{e_r} - E(1 - \frac{R_3^3}{r^3}) \sin \theta \overline{e_r}, \\ R_1 \le r \end{cases}$ 

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Paccusque ce unmerper:  $\frac{1}{2\pi i} \int_{-\infty}^{\infty} \frac{(t^2 - 1)^2}{t - x} dt = (x^2 - 1)^2$ Bozabuen np. de | (t-x) dt = (!) (t-x) en dt = > 1 dn (x2-1) = p! (t2-1) et dt = 2 en ni (t-x)en dt, rge C,-100500 warsp, oup. Formy & t = oc. (1-x2) P((x)-2x P((x)+ l(l+1) P(x)= = l+1 = [t2-1) = [lt2-2(l+1)tx+(l+2)] dt=0 FF(+,x)= lt2 4 -2xt(l+1) +(l+2) (t2-1)e (t-x)ers [lt2-2xt(lx)) + (lx2)]= dt (t-x)e+2 Barrement, romo

=> \( \frac{1}{2} = 0 \ightarrow \( (1 - \chi^2) P\_e'(\alpha) - 2\alpha P\_e'(\alpha) + \( \left( \left( \chi) P\_e(\alpha) = 0 \)
\( \frac{1}{2} = 0 \ightarrow \( (1 - \chi^2) P\_e'(\alpha) - 2\alpha P\_e'(\alpha) + \( \left( \le