lands enty Francis e Comango: 2021 (1) 到 到 5-7(()) 3 元十分了 5-10 (2) >> V5 = J = J = J = J Paloth Sotor parto e(1) fro 21 = - Po Po Fo Fig 2= - Po Fo ... (3) 122 Ei = 52 file: 5 dp e. 5 v5 . 5 41 (VP = VS' VP 1 19

1 VP1 - P. 25 (A) => = - Po \(\vec{7} \vec{r} \) 1222 = 7(7.5) 23 5 5 2 (or) (5)

Dendo as terrena rot(grad) = 0 podom Lizer gre J D: [Vi = 7] ... (8) Reform to a semação (5): 英亚。文章 7 (3) = 7 (52.79) podems super Ja Le ande Janes 25 5 VS VF + KH), prodemos super x(t)=0, obland

 $\overrightarrow{\nabla} \times (5) \Rightarrow \overrightarrow{\partial} (\overrightarrow{\nabla} \times \overrightarrow{v_i}) = v_5 \overrightarrow{\nabla} \times \overrightarrow{v_i}$ (not/grad)= 2 (FXX) = 0 --- (AX) Supernote TXF = 0 pars a dependent forcialent podemes super harmonito g capale som do rumo romponente de Farmer por vezi Com 2 sias a es (ARA) von rehulten $(Jw)^2 (J \times \vec{n}) = 0$ e douted of Hwet o temos renter (7)

$$\frac{27}{247} = 15^2 \cdot 77$$

$$(10)$$

(10)
$$\Rightarrow 2\phi$$
, $t = \sqrt{2}T \cdot \sqrt{2}\phi$)
$$\frac{1}{t} \cdot t = \frac{15}{2} \cdot \sqrt{2}\phi = \frac{2}{4}$$

$$\int_{-1}^{1} \frac{1}{1} + \omega^{2} = 0$$

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$$\frac{1}{|z|} = \frac{1}{|z|} + \frac{1}{|z|} = 0 - (II)$$

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$$\frac{1}{|z|} =$$

(土)=> トラーナナナ + (水・ルで)、トタニの $\frac{3}{3} + \frac{1}{7} = \frac{3}{7} + \frac{1}{7} = \frac{3}{7} + \frac{1}{7} = \frac{3}{7} = \frac{1}{7} = \frac{1}$ Essa el a 99. de fessel um nio Ig + 1 Jy + (1-m?). y = 0 g-Jn(x) on Yn(x) O Stalle e que prents transferran (13-12) en 1 (13-12) => J/4 + 1 J/4 + p=0 (13-12) -> J/2-12. -) J(12-12. -) J(1

Assin, 10/13-127 = 20 Nepulta $\frac{176}{3n} + \frac{1}{n} \cdot \frac{10}{3n} + \phi = 0$ $\frac{17}{3n} \cdot \frac{1}{n} \cdot \frac{1}{n$ n= 12 h.r., duvdende por 11 dentes de rouz e multiplicande fra $2 \sqrt{\frac{18}{12}-1} \cdot kr \quad \frac{2}{12} \sqrt{\frac{2}{12}}$ Ms = Vph 71 = Vrs -1 - 1 (13)

Beforgal mman3: $\sqrt{5} = \frac{d\omega}{Jh} = veloudsle grap$ Voh = w = velouse fage

1.7. Marses Z p. 111/11

Souds modes Se von = 15, 200 e do e do sometimento a ultima temo de [72] fizo dosprezhrel perto des den bodos: (12) => JA + 1 10 + p = 0 much maion goef-12/2 + 1 1 = 0 In + 2 In = 0 Voltando a variabel 1: 2= 1-1/2 / da = V. L 19 + 1 db = 0

16 + 1 df = 0

Ido = plas. to for \$(r) - \$(ro) = \$(ro). ro. h(ro) (b(r) = \$ (ro) + (dp] · ro) · h(ro) ndero M. 1 Capthulode authra
Lo Mayse 5 2p. 125: (2p) = 8. P Supernes provesto adiabative com 3p1 = V5 (3p,) = 8 P1 2 = J. V2 paro im 2 ds gershmonte $\gamma > 1$ $(\alpha : \gamma = 1, 4)$ $(\alpha : \gamma = 1, 4)$ > (gerdmente e substânted (en gors)

Compando ento de de de a provin de p. J= Z.T. / De e. e. & (shr.) + rops. h/m) FENETOETUS Mr.) Time +303 ports to ten jour +303 ports to ten tour tour tour against a 1 2. Ke. ln(t) against a 了事~ 产的 + 3. Kesh(法) tre" r. 5, ~ e. e. (2) [3 12 h(fr.) + f. f.) ... (4) Se vi= v33+vi-i= 33+ri=> (A) / 3 = ± 1 = 1 = Be to et m. h. r. = Be et m. r. = Be et