6 - uper grans un napares f. 62 B pene yregner 6 to= \(\frac{12}{64} \) Ha Samoharusco $V = \frac{6}{\kappa_{12}} = \frac{6}{4}$ Ma Semoharmoss;

Serve uTorga $u = \frac{1}{V}$, $u = w = -\frac{v}{V^2}$ The proof uThe proof Chaptera gradin : $\begin{cases}
\frac{d r_2 \omega}{dt} = \mathcal{E}_6 I, \\
r r^{(2)} + \frac{1}{r} - r_2 \omega^2 = \mathcal{E}_6 I_{\underline{p}}
\end{cases}$ Ynumaer boopee na " iv (2) + iz - iv w2 = EG Jzi i Aprilation neprole, y hours as w $\frac{1}{2} \frac{1}{4} \dot{v}^{2} - \frac{1}{4} \left(\frac{1}{4}\dot{v}^{2} - \frac{1}{4}\dot{v}^{2}\right) - \dot{v}v\omega^{2} + 2v\dot{v}\omega^{2} + v^{2}\dot{\omega}\omega =$ $= \varepsilon_{\alpha} \left(I_{2}\dot{v}^{2} + I_{\alpha}\omega\right)$ $= \frac{1}{2} \frac{1}{4} \left(v^{2}\omega^{2}\right)$ Mrovo: $\frac{1}{4} \left(\frac{1}{2} \dot{v}^2 + \frac{v^2 \omega^2}{2} - \frac{1}{4} \right) = \mathcal{E}_6 \left(I_1 \omega + I_2 \dot{v}_1 \right)$ B supplor uprofunctions $V^2\omega = V$ $V^2\omega = V$

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rz= = 2 \ u2(r2-1) + 2 \ \ r2 200 on non your your nount only my with your borneur unterper Sft. w+ I, i } It) no spacentopen neboging ujenuor, Kowtous benon penneur Nogestebre $\omega = \frac{u}{v^2}$ + 44.40 V24 - 16 46 Marenper Teperor or o go novembre man have wor convenient.

Mar 2764. $r_2 = 0 \implies u^2(r_2^{-1}) + 2\sqrt{r_2} = 0$. $\int dt = -\int \frac{dv_2}{\dot{v}_2} \left(\dot{v}_2 + v_3\right)$ $V_2 = -2\frac{1}{2} \cdot \left(u^2 + \frac{1}{\sqrt{v_2}}\right) \cdot \left(-2\sqrt{7}\right) = 2\left(u^2 + \frac{1}{\sqrt{v_2}}\right)$ $V_2^{(3)} = -\frac{1}{V_2^{3/2}} \left(-2\sqrt{1}\right) = 2 \frac{\sqrt{u^2(v_2-1)} + 2\sqrt{v_1}}{\sqrt{v_2}}$ V2(4) = 2 (42(2V2-3)+5JV2)

Characher of people green a second of S S.

$$\frac{-\frac{1}{3} \int \dot{r}_{2} \, v_{2}^{(4)}}{v_{1}} dt = -\frac{1}{3} \dot{v}_{1}^{2} v_{2}^{(4)} \int_{v_{1}}^{v_{2}} dt + \frac{1}{3} \int_{v_{2}^{(4)}}^{v_{2}^{(4)}} v_{2}^{(4)} = \frac{1}{3} v_{2}^{(5)} v_{2}^{(6)} - \frac{1}{3} \int_{v_{2}^{(5)}}^{v_{2}^{(5)}} dt + \frac{1}{3} \int_{v_{2}^{(5)}}^{v_{2}^{(5)}} v_{2}^{(6)} = \frac{1}{3} v_{2}^{(5)} v_{2}^{(6)} - \frac{1}{3} \int_{v_{2}^{(5)}}^{v_{2}^{(5)}} dt + \frac{1}{3} \int_{v_{2}^{(5)}}^{v_{2}^{(5)}} v_{2}^{(5)} dt + \frac{1}{3} \int_{v_{2}^{(5)}}^{v_{2}^{(5)}} v_$$

(3)

 $\int \left(\int_{1}^{1} (v + \int_{1}^{1} v^{2}) \right) ds = -\int_{1}^{2} \frac{4v_{2}}{v_{2}} \left\{ -\frac{1}{3} \left(v_{2}^{(3)} \right) + 4u^{2} \left(3 \left(v_{2}^{2} \right)^{3} - 4 \left(v_{2}^{2} \right)^{2} \right) + 4u^{2} \left(3 \left(v_{2}^{2} \right)^{3} - 4 \left(v_{2}^{2} \right)^{2} \right) + 4u^{2} \left(3 \left(v_{2}^{2} \right)^{3} - 4 \left(v_{2}^{2} \right)^{2} \right) + 4u^{2} \left(3 \left(v_{2}^{2} \right)^{3} - 4 \left(v_{2}^{2} \right)^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{3} - 4 \left(v_{2}^{2} \right)^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{3} + 2u^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{2} + 2u^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{2} + 2u^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{2} + 2u^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{2} + 2u^{2} \right) + 2u^{2} \left(3 \left(v_{2}^{2} \right)^{2} + 2u^{2} \right) + 2u^{2} \left(v_{2}^{2} \right) + 2u^{2} \left$