A 08
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o:
[5: 7=x3+y2; 0474]
$(5_3: \chi^2 + \chi^2 \le 3, \overline{t} = 3)$
$\vec{F}(x \vee z) = (0, \pm, -y)$
4.53
$\phi = \vec{F} \cdot \vec{n} ds = \vec{F} \cdot \vec{n} ds + \vec{F} \cdot \vec{n} ds$
5 5 ₂ 5 ₂
Em Sj: Parabalade
$(x = t \cos \theta)$ $\overline{h}_{x}(\theta, t) = (t \cos \theta, t \cos \theta, t^{2})$
$y = t \text{ bund} \qquad \frac{\partial \vec{n}}{\partial t} = (-t \text{ bund}, t \text{ coso}, 0) : \frac{\partial \vec{n}}{\partial t} = (\text{coso}, \text{bond}, \text{at})$
T = V
$\theta \in [0, 2\pi]$ $\partial \tilde{n}, \times \partial \tilde{n}_{\theta} = \hat{1}$ $\hat{1}$ \hat{K} $2t^{\theta} \cos \hat{1} + 0\hat{1} - t \cos \hat{0} + \hat{0}$
x e'co t - jemats+ 10 = 0 east ement + 6 e6 [1,0] 3 +
ts end beas
$\vec{\tau}_{(n,(0,t))} = (0, -t, -2t^2 \cos \theta)$ $\vec{\tau}_{(n,(0,t))} = (2t^2 \cos \theta, 2t^2 \cos \theta, -t)$
$\vec{F}(\vec{n}, (9, t)) \cdot \vec{n} = (0, -t, -2t^2 pang) \cdot (2t pang, 2t^2 pang, -t)$ Lo unche que aprila
$= 0 - 2t^3 pon 9 + 2t^3 pon 9$ pora $+ 9t^3 pon 9$
F(n,10,1))·~=0 -+ FI~
Appinn:
$\emptyset = \left \vec{F}(\vec{n}, (9, t)) \cdot \vec{n}, dtd9 = \right 0 dtd\theta + \emptyset, = 0,$
21
$Em S_0$: bises
$(t, \theta, t) = (t, \theta) = (t, \theta)$
$(0, e_{\text{mid}}, e_{\text{COS}}) = \frac{1}{2} \cdot (0, e_{\text{COS}} + e_{\text{mod}} + 1) = \frac{1}{2} \cdot (0, e_{$
$\frac{1}{\sqrt{\frac{1}{2}}} = \frac{1}{\sqrt{\frac{1}{2}}} = \frac{1}{\sqrt{\frac{1}2}}} = \frac{1}{\sqrt{\frac{1}2}} = \frac{1}{\sqrt{\frac{1}2}} = \frac{1}{\sqrt{\frac{1}2}} = \frac{1}{\sqrt{\frac{1}2}}} = $
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$\frac{1}{2} \frac{1}{2} \frac{1}$

