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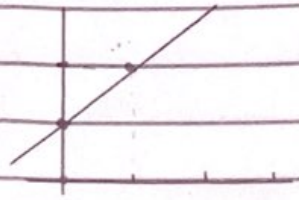
② $F(t) = (t, t+1)$

$F(0) = (0,1)$

$F(1) = (1,2)$

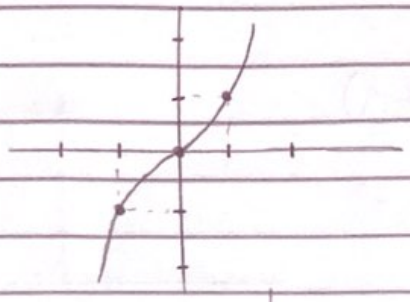


④ $F(t) = (t, t^3)$

$F(0) = (0,0)$

$F(1) = (1,1)$

$F(-1) = (-1,-1)$

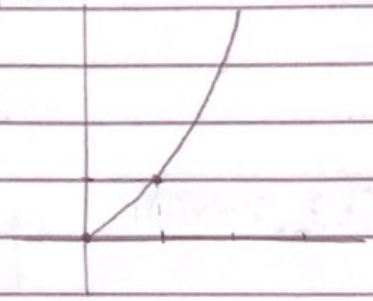


⑥ $F(t) = (t^2, t^4)$

$F(0) = (0,0)$

$F(1) = (1,1)$

$F(2) = (4,16)$

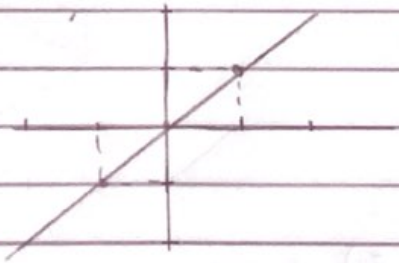


⑧ $F(t) = (\text{Sen } t, \text{Sen } t)$

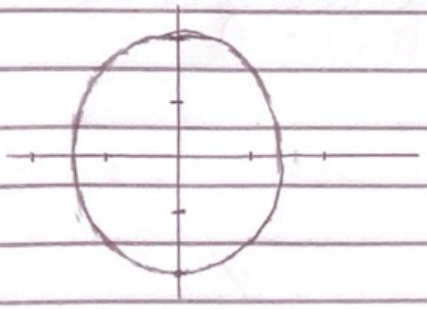
$F(\frac{\pi}{2}) = (1,1)$

$F(-\frac{\pi}{2}) = (-1,-1)$

$F(0) = (0,0)$



⑩ $F(t) = (\sqrt{2} \cdot \cos t, 2 \cdot \text{sen } t)$



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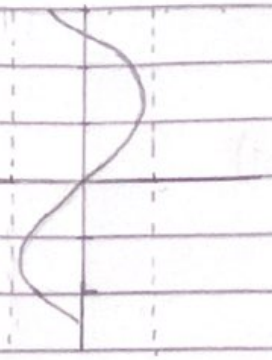
(12) $F(t) = (\text{sen}\, t, t)$

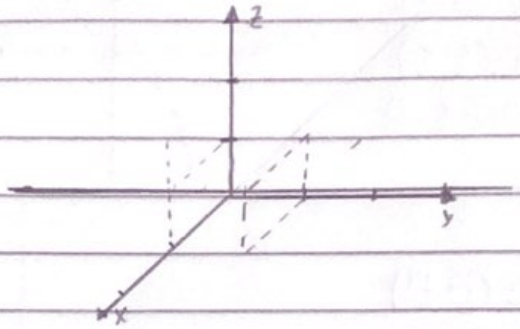


(7.2)

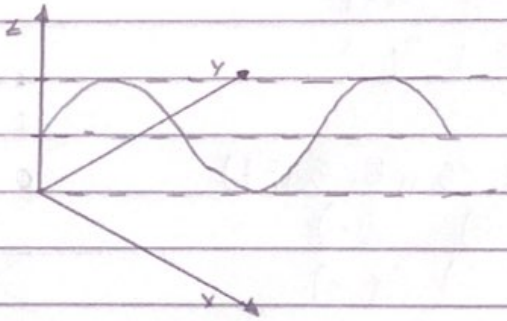
(a) $F(t) = (1, t, 1)$

$F(0) = (1, 0, 1)$

$F(1) = (1, 1, 1)$

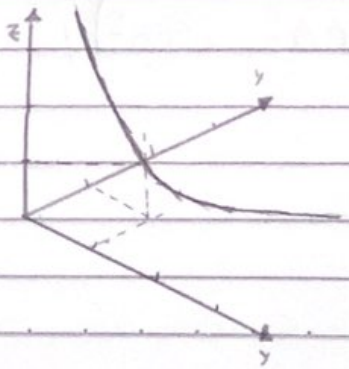


(e) $F(t) = (t, t, 1+\text{sen}(t))$



(i) $F(t) = \left(t, t, \frac{1}{t}\right)$, $t \geq 0$

$F(1) = (1, 1, 1)$



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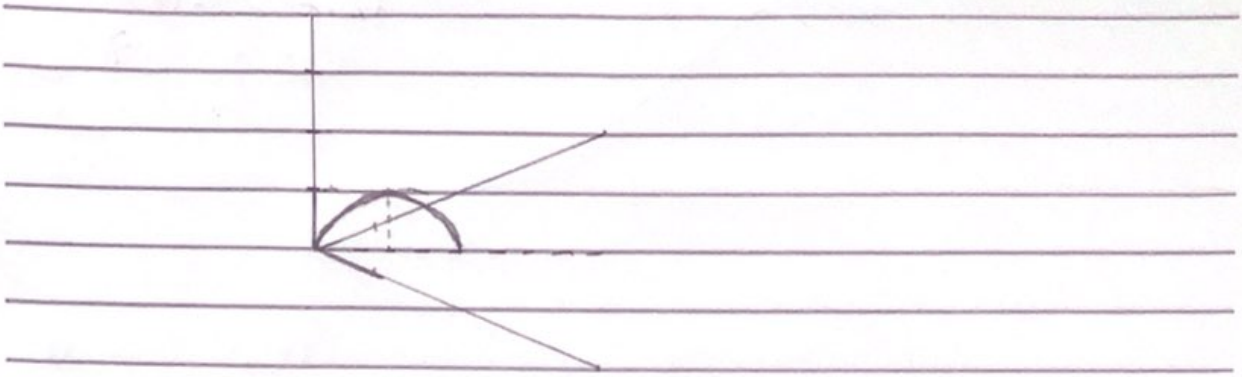
① $f(t) = (1+\operatorname{sen} t,\ 1+\operatorname{sen} t \cdot \cos t)$, $-\frac{\pi}{2} \leq t \leq \frac{\pi}{2}$



②① $f(t) = (\underbrace{\ln t}_{>0},\ t,\ \underbrace{\sqrt{1-t^2}}_{t^2 \leq 1},\ t^2)$

$D_f: \{t \in \mathbb{R} / t > 0,\ t^2 \leq 1\}$

③①

$$f(t) = \left(t,\ \underbrace{\sqrt{\frac{t-2}{t+1}}}_{t \geq 2},\ \underbrace{\ln(5-t^2)}_{t \leq \sqrt{5}},\ e^{-t}\right)$$

$D_f: \{t \in \mathbb{R} / t \geq 2,\ t \leq \sqrt{5}\}$

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