Nome: Rafaelle Arruda. Data: 03 / 04 /2021.
Professor: Néri Disciplina: Calculo II.

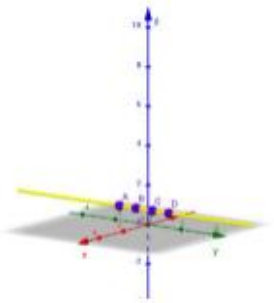
Atividade 4

Pagina 108, exercício 7.2 (Questão 1).

A)

t	x = 1	y = t	z = 1	(x, y, z)
-1	1	-1	1	(1, -1, 1)
0	1	0	1	(1, 0, 1)
1	1	1	1	(1, 1, 1)
2	1	2	1	(1, 2, 1)

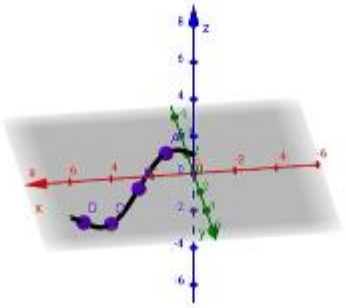
Resposta



E)

t	x = t	y = t	z = 1 + sen t	(x, y, z)
π/2	π/2	π/2	2	(π/2, π/2, 2)
π	π	π	1	(π, π, 1)
3π/2	3π/2	3π/2	0	(3π/2, 3π/2, 0)
2π	2π	2π	1	(2π, 2π, 1)

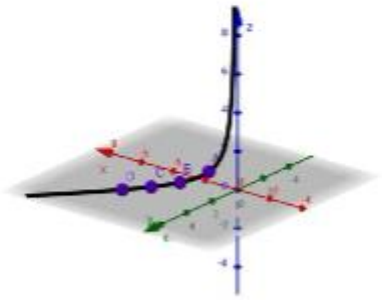
Resposta



I)

t	x = t	y = t	z = 1÷t	(x, y, z)
1	1	1	1	(1, 1, 1)
2	2	2	1÷2	(2, 2, 1/2)
3	3	3	1÷3	(3, 3, 1/3)
4	4	4	1÷4	(4, 4, 1/4)

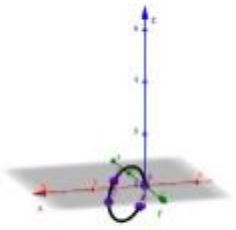
Resposta



O)

t	x = 1 + sen t	y = 1 + sen t	z = cos t	(x, y, z)
-π/2	0	0	0	(0, 0, 0)
-π/4	1 - √2/2	1 - √2/2	-√2/2	(1 - √2/2, 1 - √2/2, -√2/2)
π/4	1 + √2/2	1 + √2/2	√2/2	(1 + √2/2, 1 + √2/2, √2/2)
π/2	2	2	0	(2, 2, 0)

Resposta



Página 105, exercício 7.1 (os pares).

não consegui fazer