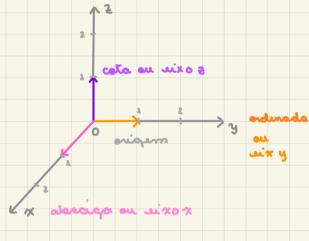
Aula 8

Rula passada: Veteres

Aula Hoge: Coordinadas e suta

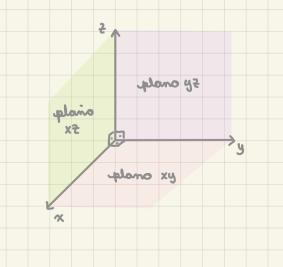
Cap 13 Sistemas de Coordenadas



: sup comisles.

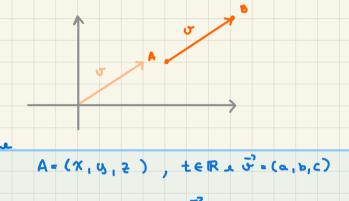
Assim decimenos

Os planos coordinados são:



Consequencio

=
$$(x_2 - x_3, y_2 - y_3, z_2 - z_3) = B - A$$



A+tv = B
$$\Rightarrow$$
 AB = tv = B-A

 \Rightarrow B = A+tv = (x+ta, y+tb, z+tb)

Exemplo Sepan P= (3,3,-3) . Q= (-2,-3,4) . u = (-3,4,0). Determine

Exemplo A = (x3, y3, 23) & B = (x2, y2, 22)
Clubba coordenada do pento midio de
AB

Selucido

M = A + AB

=
$$(x_3, y_3, z_3) + (x_2 - x_3, y_2 - y_3, z_2 - z_1)$$

= $(x_3 + x_2, y_3 + y_2, z_3 + z_2)$

