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with(plots) :
with(plottools) :
a := plot3d(sin(x + y), x=-Pi..Pi, y=-Pi..Pi) :
punto := proc(x, y, z) plots[pointplot3d]([ [x, y, z]], color = blue, symbol = solidcircle, symbolsize
= 20) end proc:
b := animate(punto, [t, t, 0], t=Pi..0, color = red, trace = 50) :
delta := plot3d([x, y, 0], x=-1..1, y=-sqrt(1-x^2)..sqrt(1-x^2), filled = true, color = yellow) :
limite := pointplot3d([0, 0, 0], symbol = solidcircle, symbolsize = 20, color = green) :
d := animate(pointplot3d, [[Pi - A, Pi - A, sin(Pi - A + Pi - A)], axes = normal, symbol
= solidcircle, symbolsize = 20, color = blue], A = 0..Pi, trace = 100) :
display(a, b, delta, d, limite)

```

$A = 0.$

