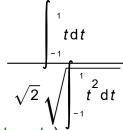
ejericio2a.wxmx 1 / 2

P1:1; P2:t; P3:1-t;

Warning: Can set maxima's working directory but cannot change it during the maxi

1 t 1-t

 $'integrate((P1\cdot P2),t,-1,1)/(sqrt('integrate((P1\cdot P1),t,-1,1))\cdot sqrt('integrate((P2\cdot P2),t,-1,1)));\\$ 



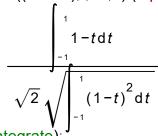
ev(%,integrate);

0

acos(%),numer;

1.570796326794897

 $'integrate((P1\cdot P3),t,-1,1)/(sqrt('integrate((P1\cdot P1),t,-1,1))\cdot sqrt('integrate((P3\cdot P3),t,-1,1)));\\$ 



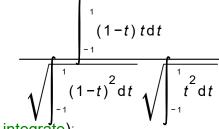
ev(%,integrate);

$$\frac{\sqrt{3}}{2}$$

acos(%),numer;

0.5235987755982989

 $'integrate((P3\cdot P2),t,-1,1)/(sqrt('integrate((P3\cdot P3),t,-1,1))\cdot sqrt('integrate((P2\cdot P2),t,-1,1)));$ 



ev(%,integrate);

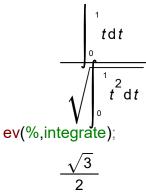
$$-\frac{1}{2}$$

acos(%),numer;

2.094395102393196

 $\label{eq:continuous} \textbf{'integrate}((P1\cdot P2),t,0,1)/(\mathsf{sqrt}(\textbf{'integrate}((P1\cdot P1),t,0,1))\cdot \mathsf{sqrt}(\textbf{'integrate}((P2\cdot P2),t,0,1)));$ 

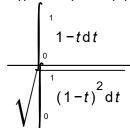
ejericio2a.wxmx 2 / 2



acos(%),numer;

0.5235987755982989

 $'integrate((P1\cdot P3),t,0,1)/(sqrt('integrate((P1\cdot P1),t,0,1))\cdot sqrt('integrate((P3\cdot P3),t,0,1)));$ 



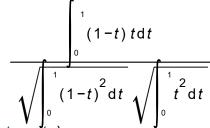
ev(%,integrate);

$$\frac{\sqrt{3}}{2}$$

acos(%),numer;

0.5235987755982989

 $'integrate((P3\cdot P2),t,0,1)/(sqrt('integrate((P3\cdot P3),t,0,1))\cdot sqrt('integrate((P2\cdot P2),t,0,1)));\\$ 



ev(%,integrate);

acos(%),numer;

1.047197551196598