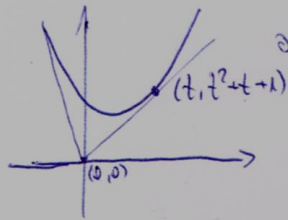


4.27
27



2 (3,1) (1,3) (0,0) (0,1) (1,0) (1,1) (2,0) (2,1) (2,2) (3,0) (3,1) (3,2) (3,3) (4,0) (4,1) (4,2) (4,3) (4,4) (5,0) (5,1) (5,2) (5,3) (5,4) (5,5) (6,0) (6,1) (6,2) (6,3) (6,4) (6,5) (6,6) (7,0) (7,1) (7,2) (7,3) (7,4) (7,5) (7,6) (7,7) (8,0) (8,1) (8,2) (8,3) (8,4) (8,5) (8,6) (8,7) (8,8) (8,9) (9,0) (9,1) (9,2) (9,3) (9,4) (9,5) (9,6) (9,7) (9,8) (9,9) (10,0) (10,1) (10,2) (10,3) (10,4) (10,5) (10,6) (10,7) (10,8) (10,9) (10,10)

$$\frac{t^2+t+1}{t} = 2t+1$$

$$t^2+t+1 = 2t^2+t$$

$$t = \pm 1 \leftarrow t^2 = 1$$

$$y = 3x$$

$$y = -x$$

plan (1,3) (1,1) (-1,1) (1,1) (-1,1)

$$\int_0^1 (x^2+x+1-3x) dx + \int_{-1}^0 (x^2+x+1+x) dx = \left. \frac{x^3}{3} - x^2 + x \right|_0^1 + \left. \frac{x^3}{3} + x^2 + x \right|_{-1}^0 =$$

$$= \left(\frac{1}{3} - 1 + 1 \right) - \left(-\frac{1}{3} + 1 - 1 \right) = \frac{2}{3}$$