

$$0,25 \cdot 4x^3 - 0,35 \cdot 2x + 10$$

$$F' = x^3 - \frac{1}{10}x$$

$$F' = -0,225$$

$$F'' = 3x^2 - \frac{1}{10}$$

$$F'' = 0,0508$$

Hacia adelante

$$F'(0,5) = \underline{2,4064 - 2,428125}$$

$$F'(0,5) = -0,21785^{0,1}$$

Hacia atras

$$F'(0,5) = \underline{2,428125 - 2,4504}$$

$$F'(0,5) = -0,2225^{0,1}$$

Centrada

$$F'(0,5) = -0,22$$

b) Hacia adelante

$$F''(0,5) = 0,385$$

Hacia atras

$$F''(0,5) = -0,215$$

Centrada

$$F''(0,5) = 0,055$$

$$2) F''(x) = 0,0508$$

$$F' = -0,22$$

$$F' = -0,225$$

$$F'' \approx 0,075$$

$$F' = 0,05$$