$$X_{i+1} = X_i^{\circ} - \frac{f(x_i)}{f'(x_i)} = 0.3 - \frac{f(0.3)}{f'(0.3)}$$

\_ Second Herathon

$$x_{i+1} = 0_1 144376 - \frac{f[0_1144376]}{f[0_1144376]} = 0_1 169408$$

ilk tahmin xe=0,3

0,144376

$$\frac{\epsilon_{a}}{1} = \frac{10,169408}{0,169408} = \frac{0,144376}{14,000} \times \frac{14,770}{1000} = \frac{14,770}{1000}$$

Thirt iteration

$$\frac{1}{1+1} = 0,169408 - \frac{110,169408}{110,169408} = 0,170179$$

$$\frac{\mathcal{E}_{a} = \left| \frac{0.17 \cdot 0179 - 0.16940^{\circ}}{0.17 \cdot 0179} \right| \times 100\% = 0.45\%$$

$$x_{i+1} = x_i^0 - \frac{f(x_i)(x_{i-1} - x_i)}{f(x_{i-1}) - f(x_i)} = 0$$

$$x_{i+1} = 0$$

$$X|+1 = 0|4 - \frac{+10|4|}{+10|5|} = 0|002+82 = \times 1$$

$$x_{i-1} = 0.14 \quad | \quad x_i^\circ = 0.002762$$

$$x_2 = 0.002762 - \frac{f[0.002782](0.4 - 0.002762)}{f(0.4)} = \frac{0.21823}{f(0.4)}$$

$$x_3 = \frac{f[0.002762]}{f(0.4)} - \frac{f[0.002762]}{f(0.4)} = \frac{0.21823}{f(0.4)}$$

$$x_4 = \frac{f[0.218236]}{f(0.218236)} = \frac{0.21823}{f(0.218236)}$$

$$X_{1-1} = 0,002762 | x^{0} = 0,216236$$

$$X_{2} = 0,216236 - \frac{1(0,216236)(0,002762 - 0,216236)}{1(0,002762) - 10,216236)} = 0,176$$

$$\frac{\mathcal{E}_{0}}{|\mathcal{E}_{0}|^{2}} = \frac{|\mathcal{E}_{0}|^{2}}{|\mathcal{E}_{0}|^{2}} = \frac{|\mathcal{E}_{0}|^{2}}{|\mathcal{E}_{0}|^{2}} = \frac{|\mathcal{E}_{0}|^{2}}{|\mathcal{E}_{0}|^{2}}$$

$$\frac{|\mathcal{E}_{0}|}{|\mathcal{E}_{0}|^{2}} = \frac{|\mathcal{E}_{0}|^{2}}{|\mathcal{E}_{0}|^{2}} = \frac{$$

Filth Heration

$$X_{i-1} = 0.1889$$
,  $X_i^2 = 0.1886$ 
 $X_5 = 0.1896 - \frac{410.189}{4(0.1899) - 10.1896} = 0.1901$ 
 $X_5 = 0.1896 - \frac{410.189}{4(0.1899) - 10.1896} = 0.1901$ 
 $X_6 = \int \frac{0.1901 - 0.1886}{0.1806} \int_{X100\%} = 0.1906$ 
 $X_1^2 = 0.18$ 
 $X_1^2 = X_1^2 - \frac{10.1896}{0.1806} \int_{X100\%} = 0.1906$ 
 $X_1^2 = 0.18$ 
 $X_1^2 = 0.18$ 
 $X_2^2 = 0.18$ 
 $X_1^2 = 0.18$