1.41500 -1.19000 × 102 2.22500 × 10

 $x_{k+1} = x_k - \frac{f(x_k)}{f'(x_k)}$

1,41000

 $f(x) = x^{2} - 2$, $x_{0} = 1.41000$

 $f'(x) = 2 \times$ $K \times f(x) = f'(x)$ 0 1.41000 - 1.19000 x 10 2.82000

1.41422 1.82084x105 2.82844

2 1,41421 -1-00759x105 2.82842