

$$x_0 = 1.0000000000000000$$

$$0.750363867840244$$

$$0.739112890911362$$

$$0.739085133385284$$

$$x_4 = 0.739085133215161$$

$$0.739085133215161$$

$$0.739085133215161$$

$$0.739085133215161$$

$$0.739085133215161$$

$$0.739085133215161$$

$$0.739085133215161$$

Ekvationen $\cos x = x$

med Newtons metod:

$$x_{n+1} = x_n - \frac{x_n - \cos x_n}{1 + \sin x_n}, \quad x_0 = 1$$