Iteration	n	ΧL	Χυ	Xr	t (xr)	t (x h)	\mathcal{E}_{α}
1		1	2	1.5	2.5403	0.5707	
2	40	1.5	2	1.75	0.5707	-0.4282	14.2857%
3		1.5	1.75	1.625	0.5707	80000	7.6923%
4	1	1.625	1.75	1.6875	0.0708	-0.1789	8.7037°/
5		1.625	1.6875	1.6563	8050.0	-0.0543	1.8837%
6		1.625	1.6563	1.6407	0 0.00		0.9508%
7		1.6407	1. 6663	1.6485	0.0081	-0.0231	0.4732 %
8		1.6407	1.6485	1.6446	0.0081	-0.0075	0.2371%
9		1.6407	1.6496	1.6427	0-0081	0.000 1	0.1157%
10		1.6427	1.6446		0.0001	0.0039	0.0608%
$x = 1.6437$ with $\varepsilon_a = \frac{1.6437 - 1.6421}{1.6437} \times 100 = 0.0608\%$							

False Position Method

COS X - 3 X + 5

$$X_r = 2 - \frac{(-1.4161)(1-2)}{2.5403 - (-1.4161)} = 1.6421$$

$$f(x_r) = \cos(1.6421) - 3C1.6421) + 5$$

= 0.0025

Iteration 1	١	χ _υ 2	f(x _L) 2.5403	f C X v) -1.4161	Xr 1.6421	f (xr) 0.002s	f (XL) f(Xr) 0.0069	ε,
2	1.6421	2	0.0025	-1.4161	1.6427	0.0000	0.0000	0.0365%

x = 1.6427 with Ea	1.6427-1-6421	× 100	= 0.0365%
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