I-RegulaFalsi O-7 fa=(fa+fx)/(2+fx/fb)^2;

>> '##### 1'

root = [1]

t = 11

>> f(root)

ans = [0]

>> '##### 2'

root ⊂ [0.3994222917109681, 0.3994222917109684]

t = 15

>> f(root)

ans ⊂ [-5.551115123125783e-17, +1.526556658859591e-16]

>> '##### 3'

root ⊂ [0.8041330975036593, 0.8041330975036644]

t = 17

>> f(root)

ans ⊂ [-6.80566714095221e-14, +6.66133814775094e-16]

>> '##### 4'

root = [-1]

t = 13

>> f(root)

ans = [0]

>> '##### 5'

root ⊂ [2.094551481542326, 2.094551481542327]

t = 9

>> f(root)

ans ⊂ [-3.552713678800501e-15, +6.217248937900877e-15]

>> '##### 6'

root ⊂ [0.1382571550568239, 0.1382571550568242]

t = 14

>> f(root)

ans ⊂ [-8.881784197001253e-16, +4.440892098500627e-16]

>> '##### 7'

root ⊂ [0.06931408868702344, 0.06931408868702348]

t = 16

>> f(root)

ans ⊂ [-4.440892098500627e-16, +2.220446049250314e-16]

>> '##### 8'

root ⊂ [0.03465735902085385, 0.03465735902085386]

t = 16

>> f(root)

ans ⊂ [-2.220446049250314e-16, +2.220446049250314e-16]

>> '##### 9'

root ⊂ [0.03840255184062187, 0.03840255184062191]

t = 11

>> f(root)

ans ⊂ [-8.881784197001253e-16, +2.220446049250314e-16]

>> '##### 10'

root ⊂ [0.009900009998000499, 0.0099000099980005]

t = 9

>> f(root)

ans ⊂ [-3.33066907387547e-16, +1.110223024625157e-16]

>> '##### 11'

root ⊂ [0.002493750039055153, 0.002493750039064299]

t = 8

>> f(root)

ans ⊂ [-2.743583138453687e-12, +9.14823772291129e-13]

>> '##### 12'

root ⊂ [0.3459548158482418, 0.3459548158482421]

t = 11

>> f(root)

ans ⊂ [-2.636779683484747e-16, +8.326672684688675e-17]

>> '##### 13'

root ⊂ [0.2451223337533071, 0.2451223337533073]

t = 14

>> f(root)

ans ⊂ [-2.220446049250314e-16, +2.775557561562892e-17]

>> '##### 14'

root ⊂ [0.1649209572764409, 0.164920957276441]

t = 15

>> f(root)

ans ⊂ [-8.673617379884036e-17, +1.387778780781446e-17]

>> '##### 15'

root ⊂ [0.003617108178904062, 0.003617108178904065]

t = 8

>> f(root)

ans ⊂ [-4.440892098500627e-16, +6.66133814775094e-16]

>> '##### 16'

root ⊂ [0.0001514713347838913, 0.0001514713347838914]

t = 7

>> f(root)

ans ⊂ [-7.771561172376096e-16, +1.110223024625157e-16]

>> '##### 17'

root ⊂ [7.668595122185337e-06, 7.668595122185338e-06]

t = 6

>> f(root)

ans ⊂ [-1.110223024625157e-16, +5.551115123125783e-16]

>> '##### 18'

root ⊂ [0.5161535187579334, 0.5161535187579336]

t = 10

>> f(root)

ans ⊂ [-7.632783294297952e-17, +2.081668171172169e-17]

>> '##### 19'

root ⊂ [0.5395222269084156, 0.5395222269084159]

t = 12

>> f(root)

ans ⊂ [-1.257674520083186e-17, +3.903127820947816e-18]

>> '##### 20'

root ⊂ [0.5527046666784877, 0.552704666678488]

t = 12

>> f(root)

ans ⊂ [-3.896351557369782e-20, +7.623296525288704e-20]

>> '##### 21'

root ⊂ [0.4099920179891371, 0.4099920179891372]

t = 11

>> f(root)

ans ⊂ [0, 5.551115123125783e-17]

>> '##### 22'

root ⊂ [0.4525091455776412, 0.4525091455776413]

t = 11

>> f(root)

ans ⊂ [-5.551115123125783e-17, 0]

>> '##### 23'

root ⊂ [0.4756268485960624, 0.4756268485960625]

t = 11

>> f(root)

ans ⊂ [-2.775557561562892e-17, +5.551115123125783e-17]

>>