$f(x)$

Legend:
- $e^x + \frac{x^2}{2} + x - 1$
- $\alpha \in [-1, -0.25] \approx 0.13123368098741012$

Position	a	b	φ	x_0	ε	Error	Iteration
-0.34399876804842855	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	2.08e+00	0
0.23190262237442605	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	1.31e+00	1
-0.28788634309466743	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	8.24e-01	2
0.2087139140655841	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	5.19e-01	3
-0.25387321274354313	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	3.27e-01	4
0.1919840398088326	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	2.06e-01	5
-0.23008011439679985	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	1.30e-01	6
0.17906161900682951	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	8.18e-02	7
-0.21212597574959355	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	5.15e-02	8
0.16863849115499163	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	3.25e-02	9
-0.19791161673591706	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	2.05e-02	10
0.15997313267298566	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	1.29e-02	11
-0.18627504390363636	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	8.12e-03	12
0.15260553931620008	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	5.12e-03	13
-0.17650962001960474	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	3.22e-03	14
0.1462314613149858	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	2.03e-03	15
-0.16815588534174014	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	1.28e-03	16
0.14063973242860342	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	8.06e-04	17
-0.16089966890626056	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	5.08e-04	18
0.13567816181635478	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	3.20e-04	19
-0.15451751054051968	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	2.01e-04	20
0.13123368098741012	-1	-0.25	$1 - e^x - \frac{x^2}{2}$	-0.5	0.0001	1.27e-04	21