

Fast Inverse Square root

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1 Error results

$x \in [1.0, 4.0]$ with $h = \text{nextafterf}$

Error name	Argument	Error	Bits
Min Relative Error	3.72972	-0.00175238	9.156
Max Relative Error	1.17389	1.19209e-07	23.0
Min Absolute Error	4.0	-1.50085	0.586
Max Absolute Error	1.0	-0.00169283	9.206

2 Time

Algorithm takes 3.694 seconds.

3 Graphs

