

h	forward_error	backward_error	central_error
0.1	0.0429386	0.0411384	0.000900054
0.05	0.0212575	0.0208073	0.000225098
0.01	0.00421632	0.00419831	9.00E-06
0.005	0.00210592	0.00210142	2.25E-06

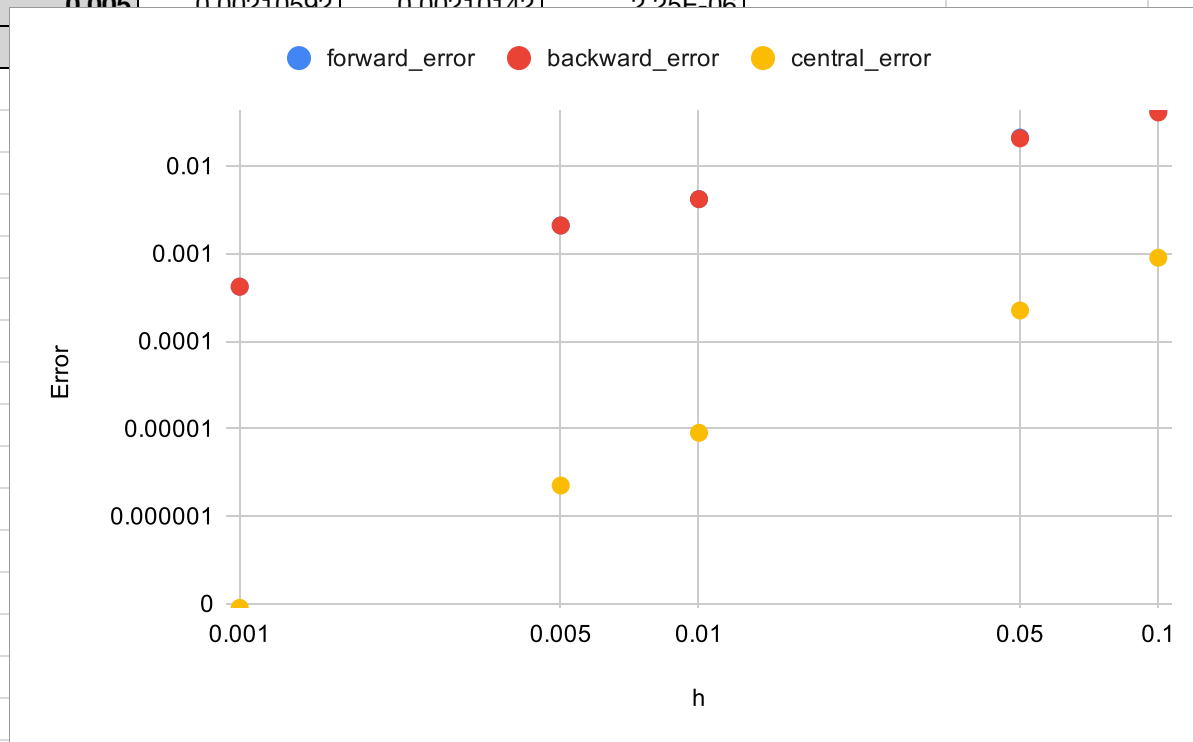


Figure-1: Error vs h (log-log) for first derivatives