

| h | $f(k + h)$ | $f(k - h)$ | Δf | $\partial f / \partial Kd.th(fw)$ | $\partial f / \partial Kd.th(cen)$ |
|------------|------------------|------------------|------------------|-----------------------------------|------------------------------------|
| 10^{-1} | -0.0004249203537 | -0.0006746364971 | 6.89898213e-05 | 0.000689898213 | 0.001248580717 |
| 10^{-2} | -0.0004891699476 | -0.0004992725317 | 4.740227396e-06 | 0.0004740227396 | 0.0005051292035 |
| 10^{-3} | -0.0004934665021 | -0.000494391206 | 4.436729171e-07 | 0.0004436729171 | 0.0004623519558 |
| 10^{-4} | -0.0004938648147 | -0.0004939689666 | 4.536035192e-08 | 0.0004536035192 | 0.0005207594711 |
| 10^{-5} | -0.0004939187072 | -0.0004939278161 | -8.532154538e-09 | -0.0008532154538 | 0.0004554443933 |
| 10^{-6} | -0.0004939228346 | -0.0004939106306 | -1.265959781e-08 | -0.01265959781 | -0.006102027328 |
| 10^{-7} | -0.0004939101293 | -0.0004939102206 | 4.568789791e-11 | 0.0004568789791 | 0.0004560973821 |
| 10^{-8} | -0.0004939101704 | -0.0004939101796 | 4.604316928e-12 | 0.0004604316928 | 0.0004611422355 |
| 10^{-9} | -0.0004939101747 | -0.0004939101755 | 2.98427949e-13 | 0.000298427949 | 0.00037658765 |
| 10^{-10} | -0.000493910175 | -0.0004939101751 | 5.684341886e-14 | 0.0005684341886 | 0.0007105427358 |
| 10^{-11} | -0.000493910175 | -0.000493910175 | 1.421085472e-14 | 0.001421085472 | 0.0007105427358 |
| 10^{-12} | -0.000493910175 | -0.0004939102235 | 0 | 0 | 24.23661272 |
| 10^{-13} | -0.000493910175 | -0.000493910175 | 1.421085472e-14 | 0.1421085472 | 0.07105427358 |
| 10^{-14} | -0.0004939232599 | -0.000493910175 | -1.308487185e-08 | -1308487.185 | -654243.5926 |
| 10^{-15} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-16} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-17} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-18} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-19} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-20} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-21} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |
| 10^{-22} | -0.000493910175 | -0.000493910175 | 0 | 0 | 0 |

captionStep size study