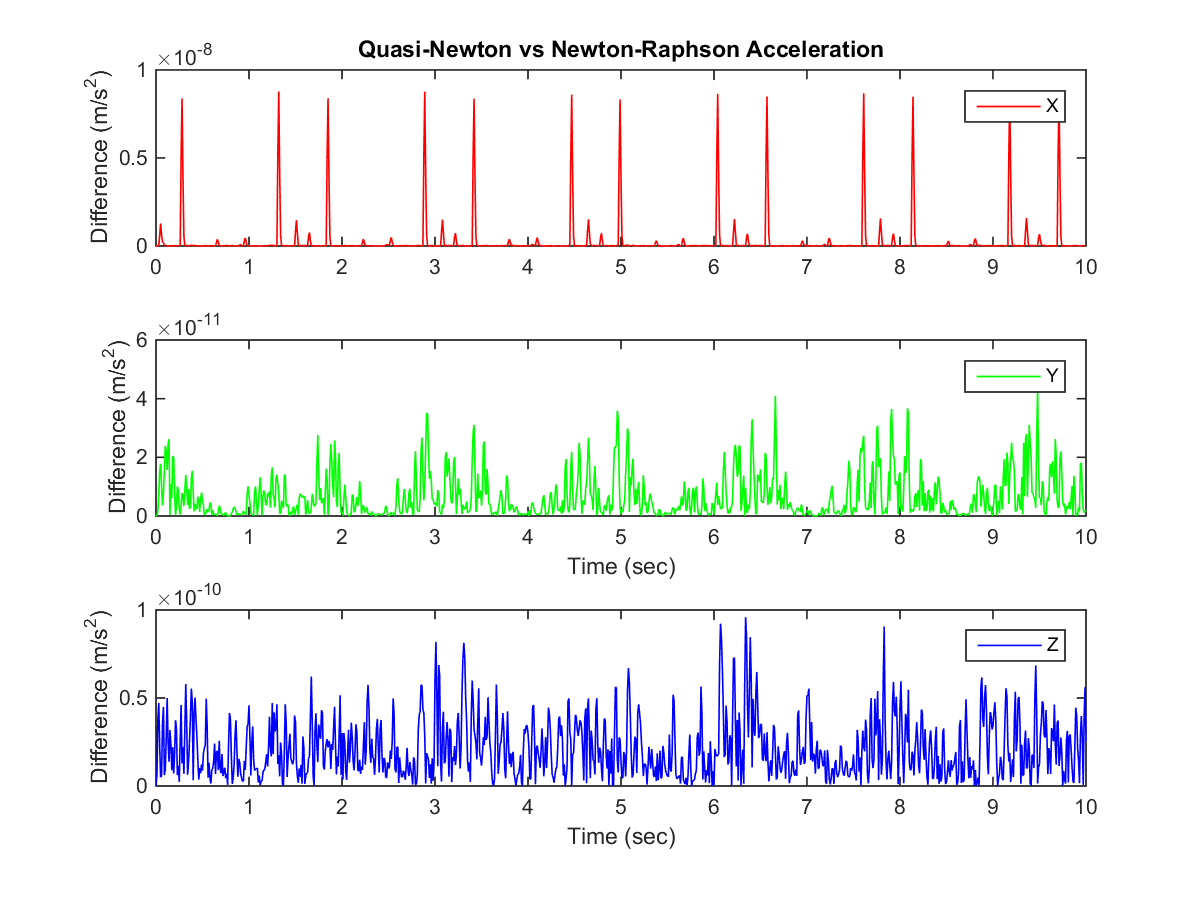
**Problem 1:**

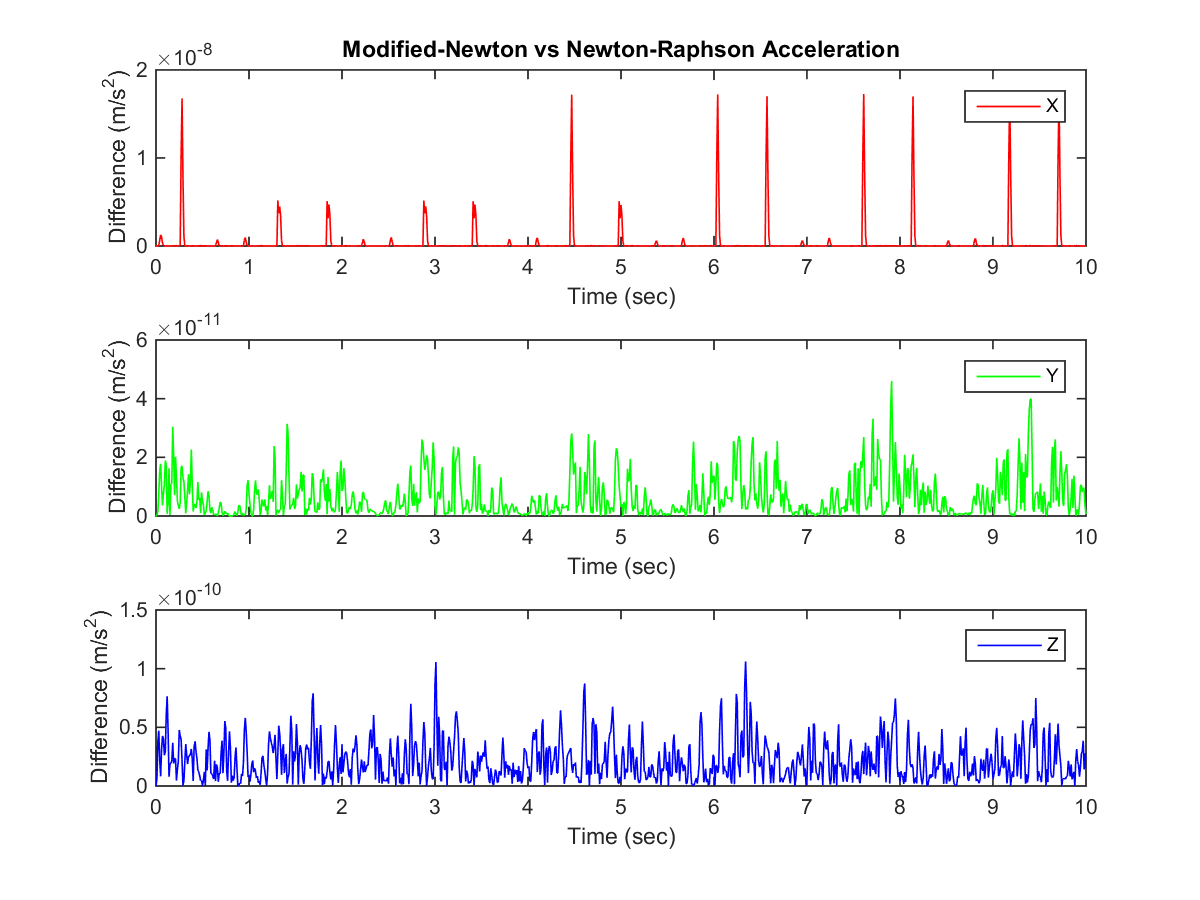
Simulation Times with h = 0.01 s:

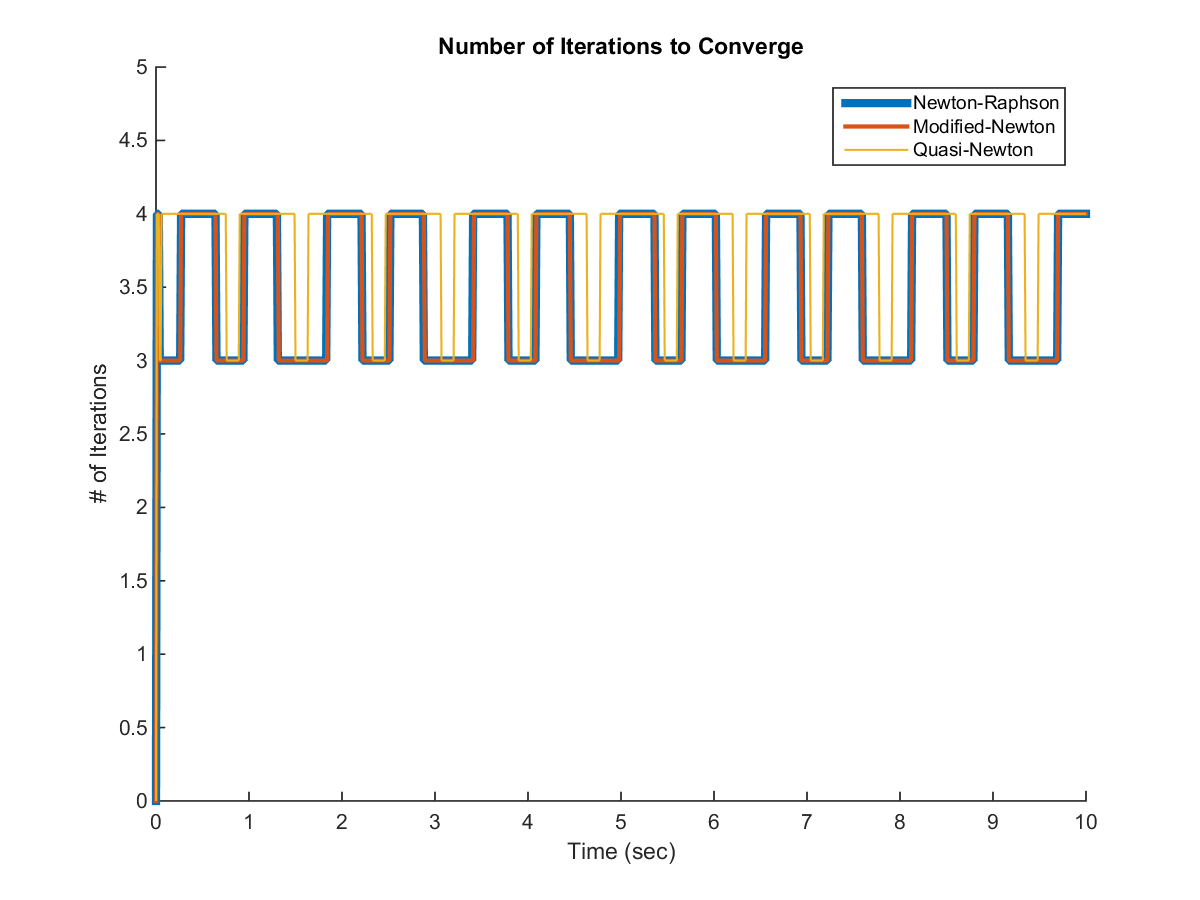
Newton-Raphson = 56.4 s

Modified-Newton = 42.8 s

Quasi-Newton = 39.1 s







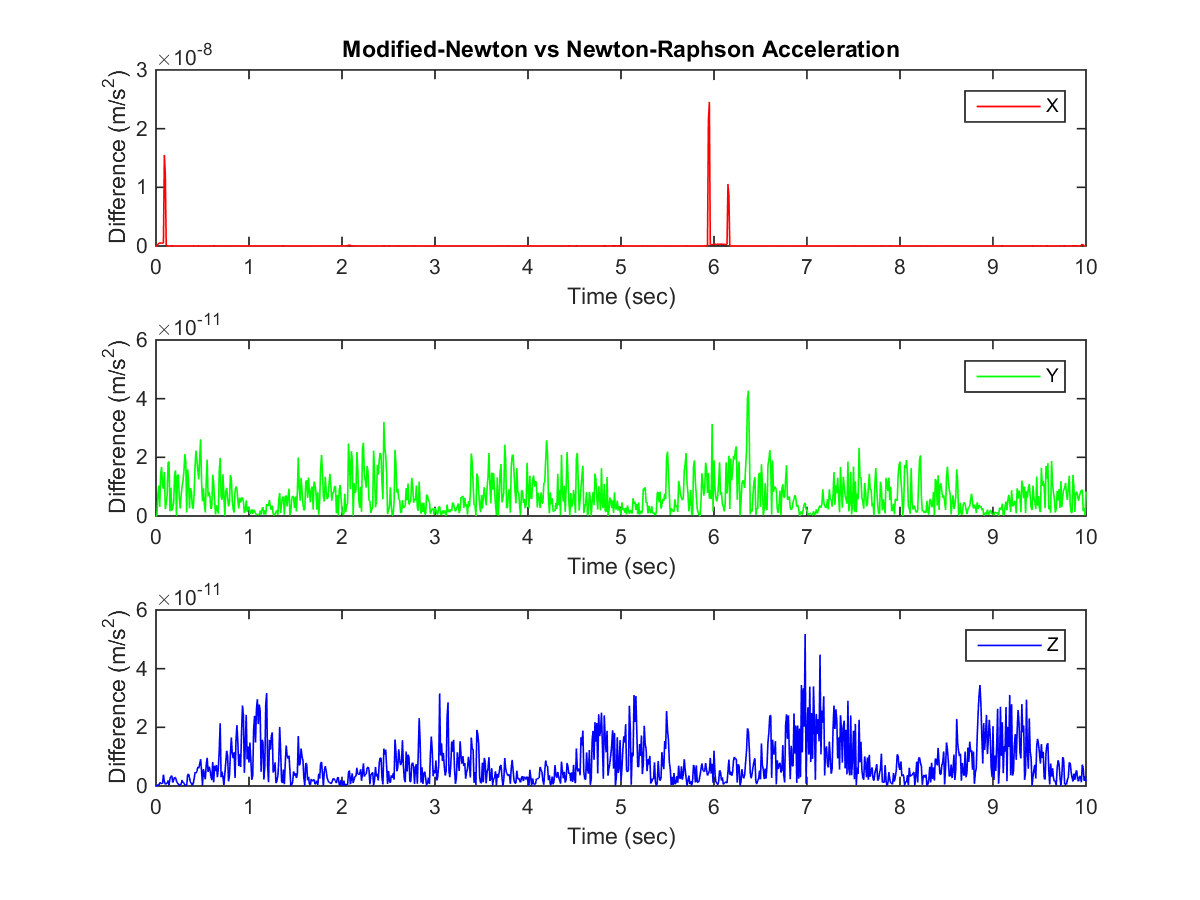
**Problem 2:**

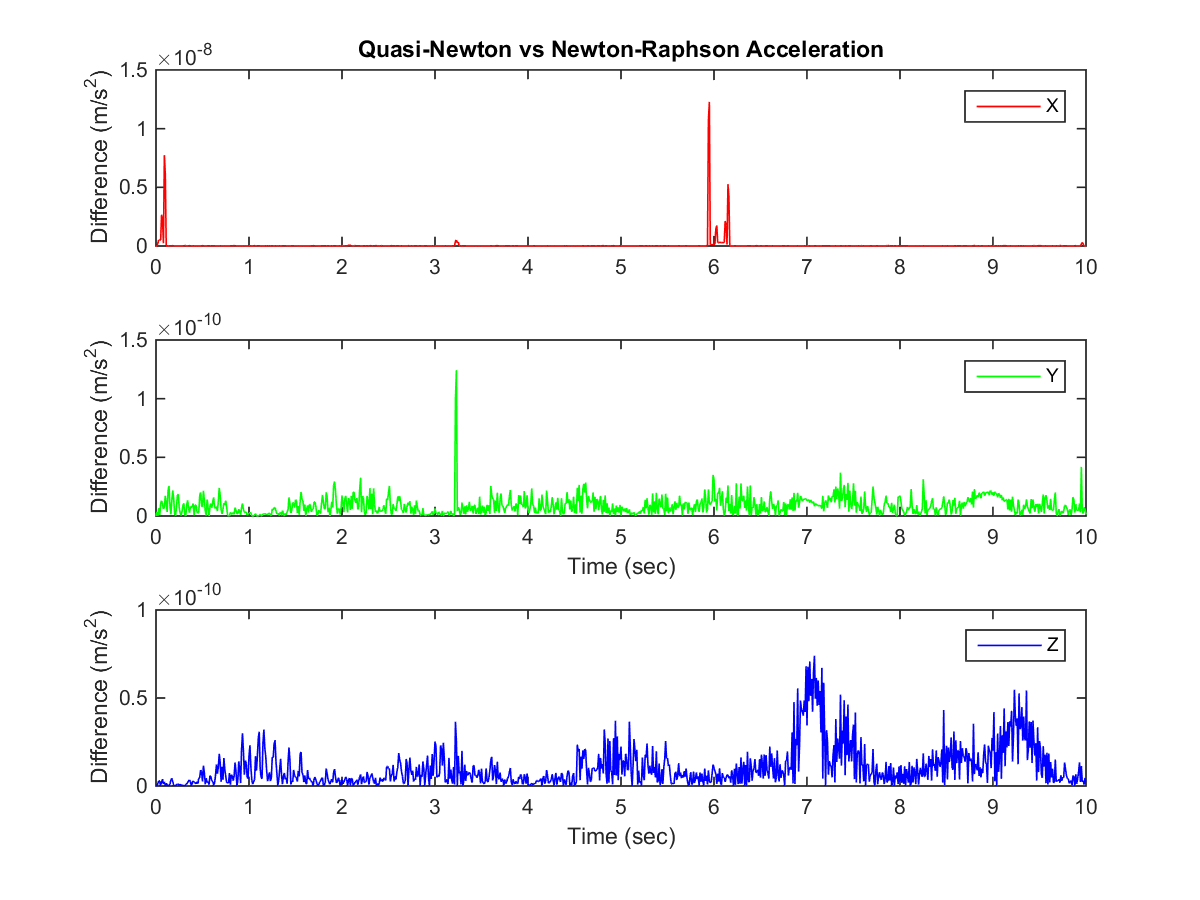
Simulation Times with h = 0.01 s:

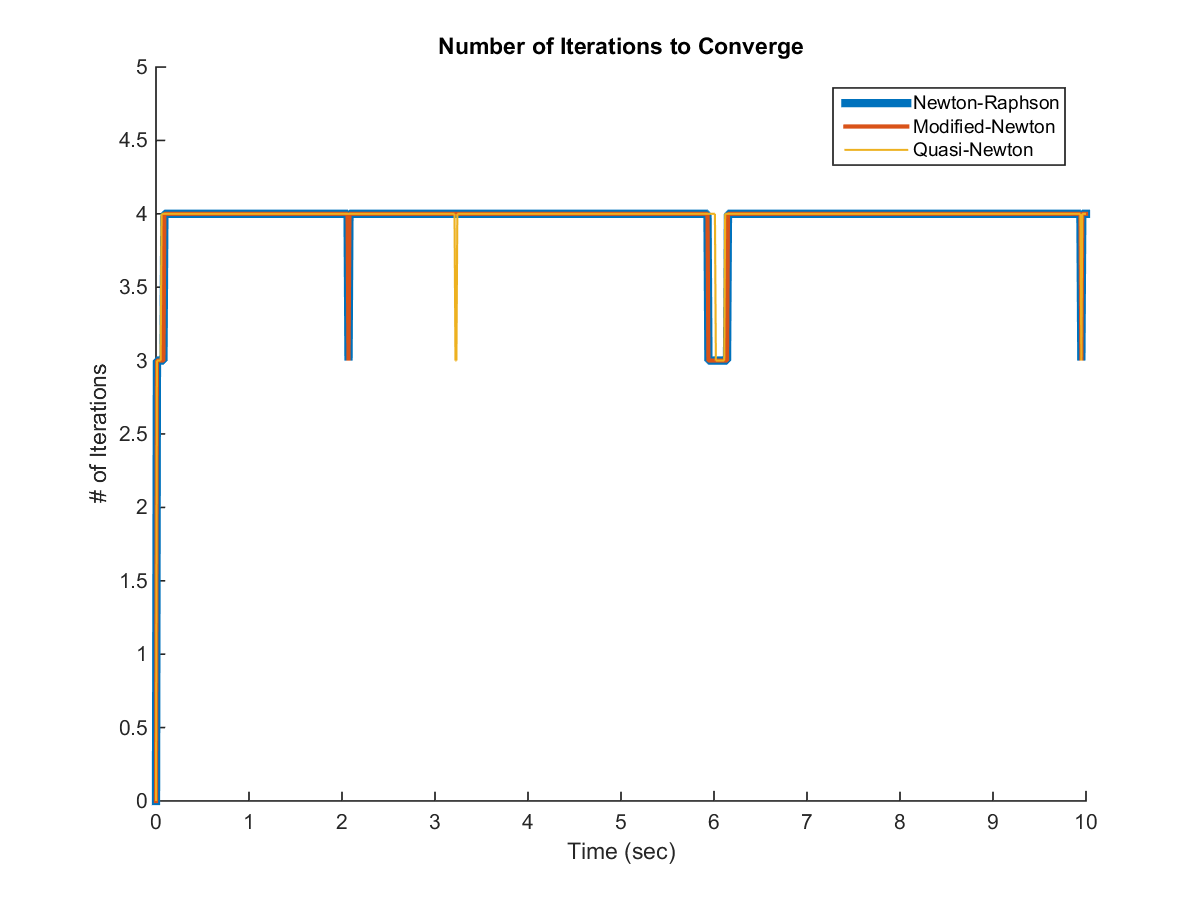
Newton-Raphson = 109.3 s

Modified-Newton = 79.2 s

Quasi-Newton = 68.3 s

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