```
At 218909 ms, the acceleration's magnitude was: 0.973009
At 218911 ms, the acceleration's magnitude was: 0.987251
At 218913 ms, the acceleration's magnitude was: 0.960301
At 218916 ms, the acceleration's magnitude was: 0.991983
At 218918 ms, the acceleration's magnitude was: 0.999988
At 218920 ms, the acceleration's magnitude was: 1.087952
At 218924 ms, the acceleration's magnitude was: 1.100086
At 218926 ms, the acceleration's magnitude was: 1.110186
At 218928 ms, the acceleration's magnitude was: 1.155636
At 218931 ms, the acceleration's magnitude was: 1.124562
At 218933 ms, the acceleration's magnitude was: 1.100616
At 218935 ms, the acceleration's magnitude was: 1.100545
At 218937 ms, the acceleration's magnitude was: 1.137576
At 218940 ms, the acceleration's magnitude was: 1.154926
At 218942 ms, the acceleration's magnitude was: 1.156570
At 218944 ms, the acceleration's magnitude was: 1.178695
At 218947 ms, the acceleration's magnitude was: 1.200629
At 218949 ms, the acceleration's magnitude was: 1.166326
At 218951 ms, the acceleration's magnitude was: 1.189078
At 218954 ms, the acceleration's magnitude was: 1.232474
At 218956 ms, the acceleration's magnitude was: 1.252648
At 218958 ms, the acceleration's magnitude was: 1.252380
At 218960 ms, the acceleration's magnitude was: 1.258532
At 218963 ms, the acceleration's magnitude was: 1.264386
At 218966 ms, the acceleration's magnitude was: 1.300710
At 218968 ms, the acceleration's magnitude was: 1.282040
At 218971 ms, the acceleration's magnitude was: 1.324639
At 218973 ms, the acceleration's magnitude was: 1.290505
At 218975 ms, the acceleration's magnitude was: 1.284073
At 218977 ms, the acceleration's magnitude was: 1.276134
At 218980 ms, the acceleration's magnitude was: 1.224283
At 218982 ms, the acceleration's magnitude was: 1.215235
At 218984 ms, the acceleration's magnitude was: 1.170462
At 218987 ms, the acceleration's magnitude was: 1.134349
At 218989 ms, the acceleration's magnitude was: 1.107572
At 218991 ms, the acceleration's magnitude was: 1.071345
At 218993 ms, the acceleration's magnitude was: 1.012673
At 218996 ms, the acceleration's magnitude was: 0.986218
At 218998 ms, the acceleration's magnitude was: 0.930937
At 219000 ms, the acceleration's magnitude was: 0.898207
At 219003 ms, the acceleration's magnitude was: 0.890244
At 219005 ms, the acceleration's magnitude was: 0.867655
At 219008 ms, the acceleration's magnitude was: 0.867655
At 219011 ms, the acceleration's magnitude was: 0.875184
At 219013 ms, the acceleration's magnitude was: 0.944117
At 219015 ms, the acceleration's magnitude was: 0.982212
At 219017 ms, the acceleration's magnitude was: 1.165264
At 219020 ms, the acceleration's magnitude was: 1.104431
At 219022 ms, the acceleration's magnitude was: 1.048972
At 219024 ms, the acceleration's magnitude was: 1.115735
At 219027 ms, the acceleration's magnitude was: 0.981664
At 219029 ms, the acceleration's magnitude was: 1.118547
At 219031 ms, the acceleration's magnitude was: 1.143507
At 219033 ms, the acceleration's magnitude was: 1.078236
At 219036 ms, the acceleration's magnitude was: 1.069490
At 219038 ms, the acceleration's magnitude was: 1.038928
At 219040 ms, the acceleration's magnitude was: 0.900870
At 219043 ms, the acceleration's magnitude was: 0.862764
At 219045 ms, the acceleration's magnitude was: 0.867357
At 219047 ms, the acceleration's magnitude was: 0.765146
At 219051 ms, the acceleration's magnitude was: 0.827998
```