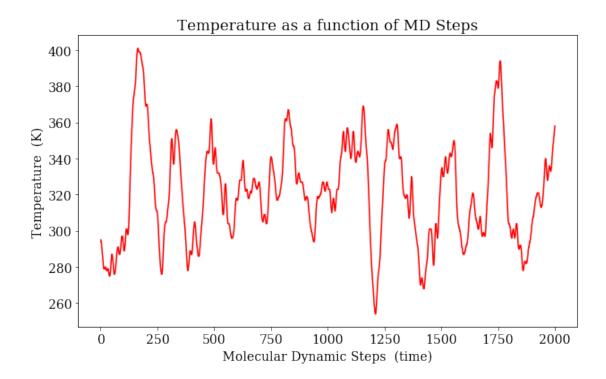
## Plot\_OSZICAR\_MD\_Demo

## Hilal Balout

June 21, 2019

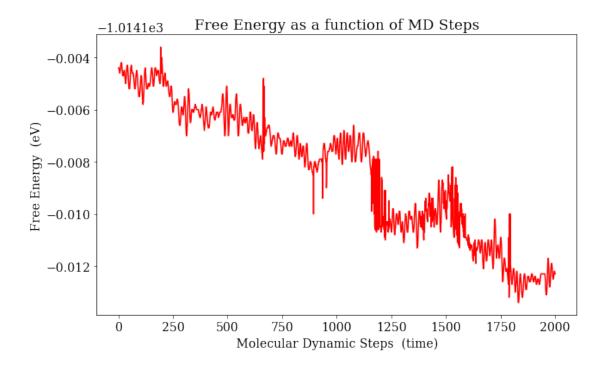
## 1 Plot OSZICAR Script

Plot\_OSZICAR\_MD.py is a Python script which allows to read and plot all quantites of OSZICAR VASP file. Pylab package is needed for plotting. Script source



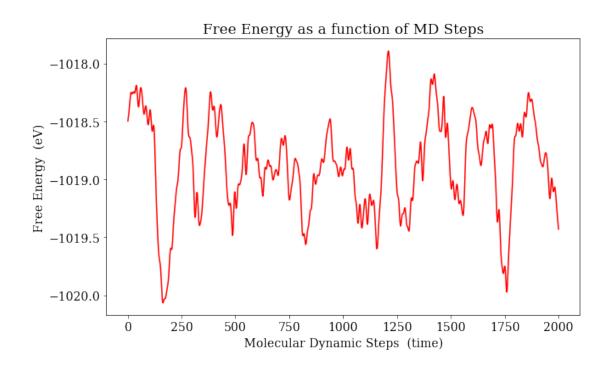
Plot Other Quantities (yes/no)? > yes Yplot (T, E, F, EO, EK, SP or SK ) > E

Mean Free Energy = -1014.1083702 (eV)



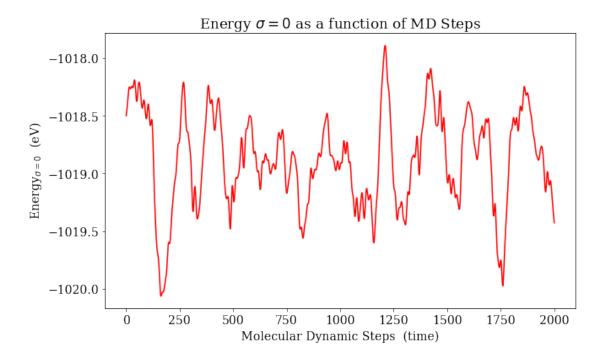
Plot Other Quantities (yes/no)? > yes Yplot (T, E, F, EO, EK, SP or SK ) > F

Mean Free Energy = -1018.8802606 (eV)



Plot Other Quantities (yes/no)? > yes Yplot (T, E, F, EO, EK, SP or SK ) > EO

Mean  $Energy_{\sigma=0}$  = -1018.88000705 (eV)



Plot Other Quantities (yes/no)? > no

Exit!..