

The python script `ufGenerator.py` contains a set of cubic-spline representations of the equations of state and associated excess Helmholtz free energies for the Uhlenbeck-Ford models. Usage: "`./ufGenerator.py p x`", where `p` stands for the integer scaling parameter p , and `x` is the adimensional variable x . Implemented values for p are: 1, 25, 50, 75, and 100 and the range of allowed x -values is $x \in [0.0, 4.0]$

The standard output for the pressure and per-particle Helmholtz free energy is, respectively, βbP and $\beta F_{UF}^{exc(p)}/N$.

python required packages: math