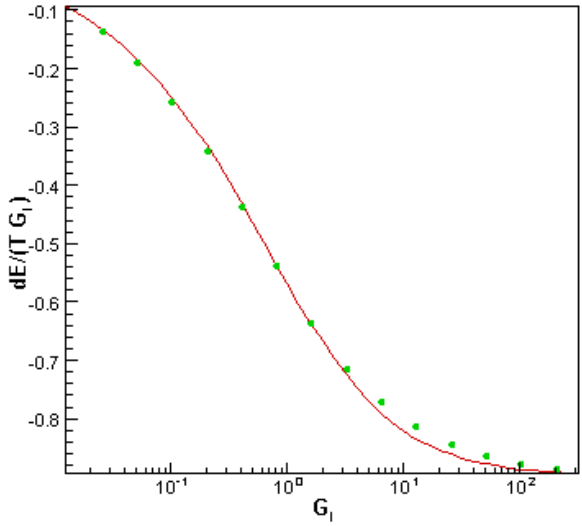
Monte-Carlo EOS study and Kalitkin approximation in one-component plasma

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The results of MC study of the one-component plasma internal energy in the range of changes in the ionic non-ideal parameter $0 \leq G_i \leq 170$ [1] (dots) are compared with the results of approximation by Kalitkin [2] (line). The relative discrepancy varies from -3.6 to $+2.6$ percents.



[1] Demyanov G S and Levashov P R 2022 *Physical Review E* **106**(1) 015204
[2] Kalitkin N N and Kuzmina L V 1989 *KIAM Preprint* **No. 16**