Review of: "Approximate Relationships to Reproduce the Values of Shell Correction Energy for Fission Fragments"

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Report on Ms. "Approximate Relationships..."

The author presents a simple method for interpolating nuclear shell corrections by a set of piecewise linear functions. That rather simplistic approach may indeed be helpful for estimates and exploratory calculations of the shell correction in various applications, although nowadays more sophisticated state-of-the-art numerical methods are easily applied. As such, the paper may be published. However, what is missing is a quantification of the quality of the linear fitting functions. Before publication can finally be recommended, the author must provide information on the achieved χ^2 values and the statistical significance of the parameters in such a form that the reader is able to judge the reliability of the results.