



Fractals and log-periodic corrections applied to masses and energy levels of several nuclei

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A contribution is presented to the application of fractal properties and log-periodic corrections to the masses of several nuclei (isotopes or isotones), and to the energy levels of some nuclei. The fractal parameters α and λ are not randomly distributed, but take a small number of values, common also with the values extracted previously from fractal distributions of quark, lepton, and hadronic masses. Several masses of still unobserved nuclei are tentatively predicted.

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