Abstract Submitted for the TSF21 Meeting of The American Physical Society

Explaining Exaggeration of Graphic Scale for Fuzzy Balls and Electron Distributions¹ ARNO VIGEN, None — Today's textbooks have fuzzy balls and fuzzy longitudinal rings. This presentation walks through the calculation of radial electrostatic versus 'extra 1/r' pendulum calculations to show the vast exaggeration. The effective range for electron movement is 1/1,000 less than the textbook, so $<20^{*}r_{e}$, not 10% or 20% of 18,778*r_e (α^{2}). By calculating the net acceleration of positions at 1-radius, 2-radius off 'center', the pendulum size gets so limited.

¹None

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Date submitted: 17 Jul 2021

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