

Abstract Submitted
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Electron and Proton Waves in the Hydrogen Ground State WALTER ROY MELLEN, University of Massachusetts-Lowell — The electron orbital circumference is equal to its deBroglie wavelength if the relative velocity between the electron and the proton replaces the velocity of the electron in its deBroglie formula. The proton orbital circumference is equal to its deBroglie wavelength if the relative velocity between the electron and the proton replaces the velocity of the proton in its deBroglie formula. There are the same number of electron Compton wavelengths in the electron orbit as there are proton Compton wavelengths in the proton orbit.

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