

Erratum: Attosecond Photoelectron Spectroscopy of Metal Surfaces [Phys. Rev. Lett. 102, 123601 (2009)]

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In our Letter [1] a factor $1/2$ is missing in the definition of the damping factor κ . The correct relation between this factor and the mean-free path λ is $\kappa = 1/(2\lambda)$ [2].

As a consequence, all values for λ in Fig. 4 are quoted too large by a factor of 2. The corrected Fig. 1 below shows the same numerical results of the published Fig. 4 with the corrected values for λ in the legends.

As a result of this correction, our model reproduces the measured 110 as shift [3] by adjusting the mean-free path λ to 5 a.u. rather than to 10 a.u. We note that the corrected value for the mean-free path of 5 a.u. is below the “universal curve” [4], but is nevertheless still within a physically reasonable range [2]. This correction does not change our conclusion.

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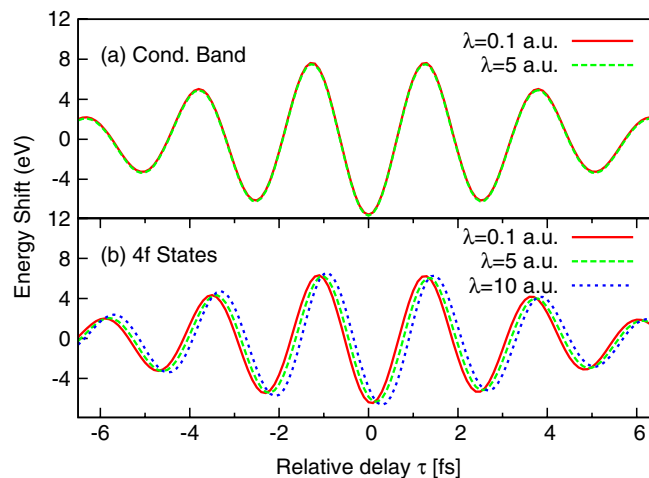


FIG. 1 (color online). Streaked electron spectra for photoemission from conduction-band (a) and $4f$ -core levels (b) of a W(110) surface: \bar{E} as a function of the delay between the XUV and IR pulse and the electronic mean-free path. Only the streaked electron spectrum from the $4f$ -core level is sensitive to the photoelectron mean-free path.