The face dependence of the effective electron mean free path derived from spherical-wave corrections in photoelectron diffraction of W(110) and W(100) surfaces

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CORRIGENDUM

The face dependence of the effective electron mean free path derived from spherical-wave corrections in photoelectron diffraction of W(110) and W(100) surfaces by G Tréglia, M C Desjonquères, D Spanjaard, D Sébilleau, C Guillot, D Chauveau and J Lecante *(J. Phys.: Condens. Matter* 1989 **1** 1879–1888).

The wrong figure was printed as figure 1 (in fact, a repeat of figure 3 was printed). The correct figure 1 is reproduced below.

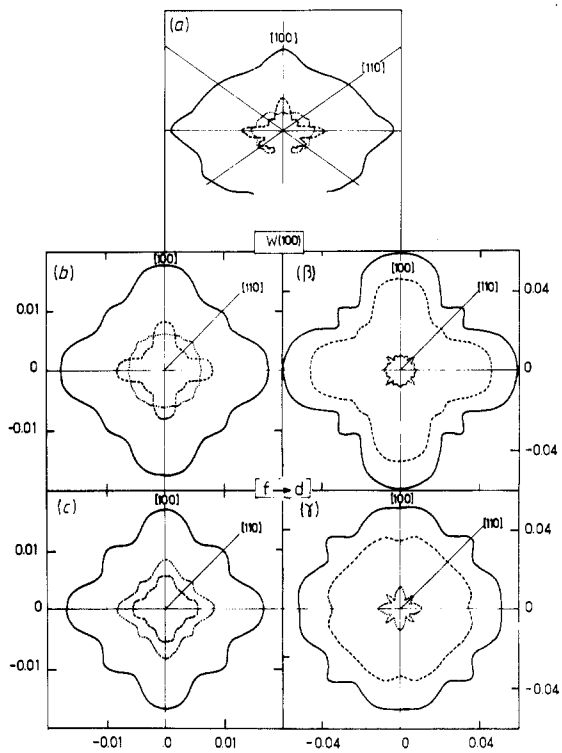

Figure 1. Polar plots of (*b*), (*c*), (*β*), (*γ*) the theoretical (single-scattering treatment including 'shadowing effects') and (*a*) the experimental azimuthal dependence of W(100) core photoelectron intensities for the total (——), bulk (– – –) and surface (. . .) emissions. The calculations have been performed for an f → d transition in (*b*), (*β*) the plane-wave and (*c*), (*γ*) the spherical-wave approximations for two values of the electron mean free path, (*b*), (*c*) $\lambda_{ee} = 5$ Å and (*β*), (*γ*) $\lambda_{ee} = 8$ Å, and for $\vartheta = 30°$, $\alpha = 22°5'$ and $h\nu = 65$ eV. (*a*) and (*b*) are taken from [5].

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