Errata

Erratum: Collective excitations of semi-infinite superlattice structures: Surface plasmons, bulk plasmons, and the electron-energy-loss spectrum [Phys. Rev. B 29, 1695 (1984)]

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We have encountered typographical errors in the prefactors of certain equations. These are important if the reader wishes to employ the expressions quoted for absolute intensity calculations of the electron-energy-loss cross section. While Eq. (3.15) is correct, Eqs. (3.18), (3.19), and (3.22) should be multiplied by 4. Also, in Eq. (3.22) the factor of $\cos^2\theta_I$ in the denominator of the prefactor should be changed to $\cos\theta_I$. No conclusions in the paper are affected by these changes.

Erratum: Embedded-atom-method functions for the fcc metals Cu, Ag, Au, Ni, Pd, Pt, and their alloys [Phys. Rev. B 33, 7983 (1986)]

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Some of the values of point defect energies reported in Table IV are incorrect. The corrected table is reproduced below. The corrections are generally small and do not change the conclusions of the paper.

TABLE IV. Calculated point-defect properties: vacancy migration energy E_v^m, vacancy-formation volume ΔV_v^f, divacancy binding energy E_{2v}^b, divacancy migration energy E_{2v}^m, self-interstitial formation energy E_{SI}^f self-interstitial formation volume ΔV_{SI}^f, and self-interstitial migration energy E_{SI}^m. Ω is the equilibrium atomic volume. The upper values are the theoretical results and the lower values are experimental values where available.

	Cu	Ag	Au	Ni	Pd	Pt
E_v^m (eV)	0.67	0.78	0.64	1.06	0.74	0.82
	0.71[a]	0.66[a]	0.83[a]	1.3[b]		1.43[a]
$\Delta V_v^f/\Omega$	−0.27	−0.18	−0.41	−0.12	−0.39	−0.45
	−0.22[c]	−0.06[d]	−0.55[d]			
E_{2v}^b (eV)	0.16	0.13	0.09	0.23	0.14	0.14
	0.12[e]	0.38[f]	0.2–0.6[a]	0.33[g]		0.1–0.2[a]
E_{2v}^m (eV)	0.38	0.55	0.49	0.66	0.47	0.56
	0.71[f]	0.57[a]	0.70[a]	0.83[g]		1.1[a]
E_{SI}^f (eV)	3.30	3.26	2.46	4.52	3.05	3.24
$\Delta V_{SI}^f/\Omega$	1.74	2.05	1.47	2.11	1.52	1.40
	1.45[c]					
E_{SI}^m (eV)	0.09	0.09	0.06	0.14	0.08	0.07
	0.12[h]			0.14[h]		0.063[h]

[a]Reference 20.
[b]Reference 21.
[c]Reference 26.
[d]Reference 27.
[e]Reference 28.
[f]Reference 29.
[g]Reference 30.
[h]Reference 31.

