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SHORT COMMUNICATIONS

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Space-group determination by dynamic extinction in convergent-beam electron diffraction: errata. By M. TANAKA, H. SEKII and T. NAGASAWA, *Department of Physics, Faculty of Science, Tohoku University, Sendai 980, Japan*

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Abstract

Tables 13 and 17 of the paper by Tanaka, Sekii & Nagasawa [*Acta Cryst.* (1983), **A39**, 825-837] are not perfect. The correct tables are given.

The following corrections should be made to the paper by Tanaka, Sekii & Nagasawa (1983).

1. Table 13 should be replaced by Table 13 given here, since the case of general $[hk0]$ incidence does not cover the special $[110]$ incidence case.

2. Table 17 should be replaced by Table 17 given here. As a result, the numbers of distinguishable space groups should read 185 instead of 191 in the second sentence of the *Abstract* and in the first sentence of the second paragraph on p. 833. In the same paragraph, 16 pairs should read 19 pairs.

Table 17. *Space groups indistinguishable by GM lines*

[P3, (P3 ₁ , P3 ₂)]	(P422, P4 ₂ 22)
[P312, (P3 ₁ 12, P3 ₂ 12)]	(P42 ₁ 2, P4 ₂ 2 ₁ 2)
[P321, (P3 ₂ 21, P3 ₂ 21)]	(P432, P4 ₂ 32)
[P6, (P6 ₂ , P6 ₄)]	(I4, I4 ₁)
[P622, (P6 ₂ 22, P6 ₄ 22)]	(I422, I4 ₁ 22)
[P6 ₃ , (P6 ₁ , P6 ₅)]	(I432, I4 ₁ 32)
[P6 ₃ 22, (P6 ₁ 22, P6 ₅ 22)]	(F432, F4 ₁ 32)
(P4, P4 ₂)	(I23, I2 ₁ 3)
(P4/m, P4 ₂ /m)	(I222, I2 ₁ 2 ₁ 2 ₁)
(P4/n, P4 ₂ /n)	

Reference

TANAKA, M., SEKII, H. & NAGASAWA, T. (1983). *Acta Cryst.* **A39**, 825-837.

Table 13. *GM lines for point groups 23 and m3*

Space group	Incident beam direction					
	[100] (cyclic)	[110] (cyclic)	[hk0] (cyclic)	[100] (cyclic)	[110] (cyclic)	[hk0] (cyclic)
195 P23						
196 F23						
197 I23						
198 P2 ₁ 3	00l 2 ₁₃ 0k0 2 ₁₂	A ₂ B ₂ B ₃	00l 2 ₁₃	A ₂ B ₂ B ₃	00l 2 ₁	A ₂ B ₂ B ₃
199 I2 ₁ 3						
200 Pm3						
P2/m3	00l					
201 Pn3	n ₂					kh0 A ₂ B ₂
P2/n3	0k0 n ₃	A ₃			n	A ₃
202 Fm3						
F2/m3	00l					kh0
Fd3	d ₂					h+k= A ₂ B ₂
203 F2/d3	0k0 d ₃	A ₃			4n+2 d	A ₃
204 Im3						
I2/m3	00l	A ₂ B ₂	00l	A ₂ B ₂	00l	A ₂ B ₂
205 Pa3	a ₂ , 2 ₁₃	A ₃ B ₃	2 ₁₃	B ₃	2 ₁	B ₃
P2 ₁ /a3	0k0 2 ₁₂		kh0	A ₂ B ₂	kh0	A ₂ B ₂
206 Ia3		B ₃	a ₃	A ₃	a	A ₃
I2 ₁ /a3			kh0	A ₂ B ₂	kh0	A ₂ B ₂
			a ₃	A ₃	a	A ₃