

Table 3. *Lattice-energy minima for benzene crystal structures*

Benzene I						
	<i>a</i> (Å)	<i>b</i> (Å)	<i>c</i> (Å)			
Observed cell parameters	7.39	9.42	6.81			
Potential parameter set	$\Delta a$	$\Delta b$	$\Delta c$	$\theta$ (°)	$E$ (kJ mol <sup>-1</sup> )	
RS <sup>a</sup>	-0.43	-0.74	-0.76	2.8	-113.1	
K <sup>b</sup>	0.04	-0.03	-0.17	3.1	-47.5	
MKB <sup>c</sup>	-0.86	-0.24	0.43	20.4	-45.4	
MCMS <sup>d</sup>	0.32	0.03	-0.37	3.5	-40.2	
W( <i>a</i> ) <sup>e</sup>	-0.64	0.04	0.22	18.7	-43.2	
W( <i>b</i> ) <sup>f</sup>	0.10	-0.15	0.11	3.4	-53.8	
Benzene II						
	<i>a</i> (Å)	<i>b</i> (Å)	<i>c</i> (Å)	$\beta$ (°)		
Observed cell parameters (25 kbar)	5.42	5.38	7.53	110.0		
Potential parameter set	$\Delta a$	$\Delta b$	$\Delta c$	$\Delta\beta$	$\theta$ (°)	$E$ (kJ mol <sup>-1</sup> )
RS	-0.30	-0.09	-0.83	-5.3	6.6	-121.1
K	0.08	0.25	-0.08	-4.5	5.0	-50.5
MKB	0.02	0.19	-0.20	-2.0	4.8	-47.3
MCMS	0.12	0.29	-0.12	5.5	5.5	-43.1
W( <i>a</i> )	0.17	0.17	0.05	-1.1	3.6	-45.3
W( <i>b</i> )	0.21	0.19	0.39	-1.9	1.4	-52.7

References: (a) Ramachandran & Sasisekharan (1968); (b) Kitaigorodskii (1970); (c) Mirskaya, Kozlova & Berezinskaya (1974); (d) Momany, Carruthers, McGuire & Scheraga (1974); (e) set C, Williams (1970); (f) Williams (1974).

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### Book Reviews

*Works intended for notice in this column should be sent direct to the Book-Review Editor (J. H. Robertson, School of Chemistry, University of Leeds, Leeds LS2 9JT, England). As far as practicable books will be reviewed in a country different from that of publication.*

**An introduction to X-ray crystallography.** By M. M. WOOLFSON. Pp. x + 380. Cambridge University Press, 1978. Price £5.50.

This is a soft-cover reprint (with errors corrected) of the successful book originally published in hard covers in 1970; it was reviewed then by T. R. Lomer, in *Acta Cryst.* **A26**, 461.

**Solid electrolytes (Topics in applied physics. Vol. 21).** Edited by S. GELLER. Pp. xi + 244. Berlin, Heidelberg, New York: Springer, 1977. Price DM 72.00, \$33.20.

A review of this book by A. T. Howe has been published in the July issue of *Acta Crystallographica*, Section A, page 640.