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

Benzene I					
	a (Å)	*b* (Å)	*c* (Å)		
Observed cell parameters	7·39	9·42	6·81		
Potential parameter set	*Δa*	*Δb*	*Δc*	*θ* (°)	*E* (kJ mol^{-1})
RS[a]	−0·43	−0·74	−0·76	2·8	−113·1
K[b]	0·04	−0·03	−0·17	3·1	−47·5
MKB[c]	−0·86	−0·24	0·43	20·4	−45·4
MCMS[d]	0·32	0·03	−0·37	3·5	−40·2
W(*a*)[e]	−0·64	0·04	0·22	18·7	−43·2
W(*b*)[f]	0·10	−0·15	0·11	3·4	−53·8

Benzene II						
	a (Å)	*b* (Å)	*c* (Å)	*β* (°)		
Observed cell parameters (25 kbar)	5·42	5·38	7·53	110·0		
Potential parameter set	*Δa*	*Δb*	*Δc*	*Δβ*	*θ* (°)	*E* (kJ mol^{-1})
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(*a*)	0·17	0·17	0·05	−1·1	3·6	−45·3
W(*b*)	0·21	0·19	0·39	−1·9	1·4	−52·7

References: (*a*) Ramachandran & Sasisekharan (1968); (*b*) Kitaigorodskii (1970); (*c*) Mirskaya, Kozlova & Bereznitskaya (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.* A**26**, 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.