

TABLE A1. P - V - T DATA FOR LITHIUM, SODIUM AND POTASSIUM(a) Lithium of natural isotopic composition ($c = -1.1 \times 10^{-6} \text{ atm}^{-1}$)

T ($^{\circ}\text{K}$)	$V(T)/V(0)$	$-a$ (10^{-6} atm^{-1})	$-a'$ (10^{-6} atm^{-1})
0	1.000 ₀	0.77 ₆	0.77 ₆
50	1.000 ₉	0.77 ₇	0.77 ₇
100	1.003 ₅	0.78 ₁	0.78 ₀
150	1.007 ₇	0.79 ₆	0.79 ₀
200	1.013 ₁	0.82 ₂	0.80 ₅
250	1.019 ₄	0.85 ₀	0.83 ₀
300	1.026 ₇	0.89 ₄	0.86 ₀

(b) Sodium ($c = -3.0 \times 10^{-6} \text{ atm}^{-1}$)

0	1.000 ₀	1.40 ₀	1.40 ₀
50	1.001 ₄	1.40 ₅	1.40 ₀
100	1.006 ₆	1.42 ₄	1.40 ₀
150	1.014 ₉	1.46 ₃	1.40 ₀
200	1.024 ₃	1.50 ₇	1.40 ₀
250	1.034 ₂	1.55 ₂	1.40 ₀
300	1.044 ₂	1.60 ₀	1.40 ₀

(c) Potassium ($c = -6.7 \times 10^{-6} \text{ atm}^{-1}$)

0	1.000 ₀	2.80 ₀	2.80 ₀
50	1.002 ₈	2.83 ₀	2.80 ₅
100	1.011 ₉	2.95 ₀	2.82 ₀
150	1.023 ₄	3.08 ₈	2.83 ₀
200	1.034 ₇	3.22 ₂	2.83 ₀
250	1.046 ₀	3.35 ₅	2.82 ₈
300	1.057 ₃	3.49 ₀	2.82 ₀

REFERENCES

- Bailyn, M. 1960 *Phys. Rev.* **120**, 381.
 Barrett, C. S. 1956 *Acta Cryst.* **9**, 671.
 Basinski, Z. S. & Verdini, L. 1959 *Phil. Mag.* **4**, 1311.
 Beecroft, R. I. & Swenson, C. A. 1961 *J. Phys. Chem. Solids*, **18**, 329.
 Bidwell, C. C. 1924 *Phys. Rev.* **23**, 357.
 Bradshaw, F. J. & Pearson, S. 1956 *Proc. Phys. Soc. B*, **69**, 441.
 Bridgman, P. W. 1921 *Proc. Amer. Acad. Arts Sci.* **56**, 59.
 Bridgman, P. W. 1923 *Proc. Amer. Acad. Arts Sci.* **58**, 165.
 Bridgman, P. W. 1925 *Proc. Amer. Acad. Arts Sci.* **60**, 385.
 Bridgman, P. W. 1935 *Proc. Amer. Acad. Arts Sci.* **70**, 71.
 Bridgman, P. W. 1938 *Proc. Amer. Acad. Arts Sci.* **72**, 157.
 Brooks, H. 1953 *Phys. Rev.* **91**, 1027.
 Cohen, M. H. & Heine, V. 1958 *Advanc. Phys.* **7**, 395.
 Collins, J. G. & Ziman, J. M. 1961 *Proc. Roy. Soc. A*, **264**, 60.
 Daniels, W. B. 1960 *Phys. Rev.* **119**, 1246.
 Deutsch, T., Paul, E. & Brooks, H. 1961 *Phys. Rev.* **124**, 753.
 Dugdale, J. S. 1961 *Science*, **134**, 77.
 Dugdale, J. S. & Gugan, D. 1957 *Proc. Roy. Soc. A*, **241**, 397.
 Dugdale, J. S. & Gugan, D. 1960 *Proc. Roy. Soc. A*, **254**, 184.
 Dugdale, J. S. & Gugan, D. 1961 *Cryogenics*, **2**, 103.
 Dugdale, J. S. & Hulbert, J. A. 1957 *Canad. J. Phys.* **35**, 720.
 Dugdale, J. S. & Mundy, J. N. 1961 *Phil. Mag.* **6**, 1463.
 Dugdale, J. S., Gugan, D. & Okumura, K. 1961 *Proc. Roy. Soc. A*, **263**, 407.
 Frank, N. H. 1935 *Phys. Rev.* **47**, 282.
 Friedel, J. 1956 *Canad. J. Phys.* **34**, 1190.
 Gugan, D. & Dugdale, J. S. 1958a *Report of 2nd Ottawa Symposium on Melting, etc.*, p. 6.