# *ERRATA*

## ELASTIC CONSTANTS OF ORTHORHOMBIC SULPHUR

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In a paper published in these *Proceedings* (Rao, 1950), the author had reported the results of measurements of the determination of the elastic constants of orthorhombic sulphur.

Due to oversight, in converting the elastic constants $C_{ij}$ into the compliances $s_{ij}$, a systematic mistake crept into the latter.

The following are the correct values of $s_{ij}$ corresponding to the $C_{ij}$ given on page 275 in the above article:—

| | | |
|---|---|---|
| $s_{11} = 70 \cdot 9$ | $s_{22} = 83 \cdot 4$ | $s_{44} = 232$ |
| $s_{12} = -35 \cdot 6$ | $s_{23} = -14 \cdot 9$ | $s_{55} = 115$ |
| $s_{13} = -13 \cdot 4$ | $s_{33} = 30 \cdot 3$ | $s_{66} = 132$ |

$$\beta = 56 \cdot 8 \times 10^{-13} \text{ cm.}^2 \text{ dyne}^{-1}$$

The above are in units of cm.$^2$/dyne.

The error was pointed out by Dr. W. A. Wooster to whom the author's thanks are due.

### References

Sundara Rao, R. V. G. .. *Proc. Ind. Acad. Sci.*, Sec. A, 1950, **32**, 275.

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In the graph on page 103 the portions corresponding to 0 to 50 days may be ignored.