Discussion

The significance of the results in Table 2 goes beyond the mere purpose of providing the elastic and photo-elastic tensors for the given groups. From Table 2, any polar time-reversal invariant tensor of rank 4, such as the second electro-optic or electrostriction tensor can be easily obtained by considering its intrinsic symmetry.

We expect the Raman and Brillouin scattering technique to be useful in the study of quasicrystals. But, so far as we know, there is no experimental work involving Raman and Brillouin scattering by quasicrystals (Brandmüller, 1989, private communication).

References

AULD, B. A. (1973). *Acoustic Fields and Waves in Solids.* New York: John Wiley.

BRANDMÜLLER, J. & CLAUS, R. (1988a). *Indian J. Pure Appl. Phys.* **26**, 60–67.

BRANDMÜLLER, J. & CLAUS, R. (1988b). *Croat. Chem. Acta,* **61**, 267–300.

CUMMIUS, H. Z. & SCHOEN, P. E. (1972). *Laser Handbook,* edited by F. T. ARECCHI & E. O. SCHULZ-DUBOIS. Amsterdam: North-Holland.

LEVINE, D. & STEINHANDT, P. J. (1984). *Phys. Rev. Lett.* **53**, 2477–2479.

NYE, J. F. (1985). *Physical Properties of Crystals.* Oxford: Clarendon.

SHECHTMAN, D., BLECH, I., GRATIAS, D. & CAHN, J. W. (1984). *Phys. Rev. Lett.* **53**, 1951–1953.

Notes and News

The Dorothy Hodgkin Prize of the British Crystallographic Association

In celebration of Professor Dorothy Hodgkin's 80th birth-day, the British Crystallographic Association (BCA) is pleased to announce the creation of the Dorothy Hodgkin Prize, in recognition of her great contribution to crystallography and to science in general.

Nominations for this prize are welcomed from any part of the crystallographic community and the award will be made at the time of the BCA Spring Meeting. Periodically the award will recognize specifically the achievements of young crystallographers.

The BCA is counting on the generosity of Dorothy's many friends and colleagues to make the prize financially worthwhile as well as prestigious. All donors will be named within the prize scroll and it is hoped that you will wish to be associated with this splendid and permanent tribute to Dorothy's scientific achievements. In order that the first award may be closely associated with Dorothy's 80th birth-day, we wish to make the first presentation of the prize at the Sheffield Meeting of the BCA in March 1991. It is expected that Dorothy herself will be there to present the award at this time.

Please forward your contributions as early as possible to the Treasurer, Dr Ian Langford, Department of Physics, The University, Birmingham B15 2TT, England. (Cheques payable to 'The Dorothy Hodgkin Prize/BCA'.) Further details concerning the nominations for the award will appear in subsequent BCA Newsletters this year, or can be obtained from the BCA Secretary, Dr Judith Howard.