Water molecules and the incoherent nuclei within the crystal will change their distribution during a period of three to four years as a result of seasonal changes embodying a temperature variation of about 30°C. The argument advanced by Agrawal (1974) that paracrystallinity is shown only by fibrous crystals is incorrect in view of the fact that non-fibrous crystals have also been found to exhibit paracrystalline distortions (Urban & Hosemann, 1972). It can also be added that based on paracrystalline disorder the appearance of rounded and polygonal and other arbitrarily shaped spots can be easily explained, as indicated in our paper, by taking the fluctuations of a more involved type than that described in the said paper (Tiwari, Prasad & Srivastava, 1973).

References


