‘Dendritic growth’ (Pomeau & Ben Amar) does not contain a single picture of a dendrite. Your reviewer suspects, however, that the book was not written for practising crystal growers but only for statistical physicists. A quick flip through the references confirms this: there are a dozen references to the Physical Review for every one to the Journal of Crystal Growth!

Notwithstanding this criticism, the book is a powerful contribution to the theory of the kinetics and the dynamical stability of crystal-growth processes. In particular, the treatments of the roughening transition by Nozière and of kinetic roughening by Krug & Spohn extend understanding of these topics significantly.

D. T. J. Hurle
Scotsraig House
Storridge
Malvern
WR13 5EY
England


Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally, a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.
