the library of the experienced geotechnical engineer.

T.R.M.W.

Advanced soil mechanics. *B. M. Das. USA: McGraw-Hill. 1983. 511 pp. £27.95.*

It is nice for academics to see their lecture notes bound in hard covers and available in the bookshops. However, if such a course text is to enjoy popularity among purchasers who either are not attending or have not attended the Author's courses (in this case at South Dakota State University or at the University of Texas at El Paso) then some special factor has to be present in order to set one book in a class apart from the great mass of other course texts.

This book is intended for use 'in an introductory graduate level course' which would appear from the content to correspond, very roughly, to a first degree course in a British university. But the book is a mixture with little sections on the practicalities of installing sand drains, or of compaction by vibroflotation sitting uneasily alongside extended theoretical sections on, for example, the 'theoretical solution for the coefficient of permeability'.

Such concentration on minutiae might be pardoned if the book covered a suitably broad range of topics in what might be considered as 'advanced' soil mechanics. Unfortunately the book singularly lacks such breadth. For example, the stress–strain behaviour of soils is not considered. An extensive section on elastic stress distributions is included but the possibility that real soils may show aspects of plastic response is completely ignored. There is quite a long chapter on 'Shear strength of soils' but no discussion of plastic collapse of soil structures and of the proper use to which the combined measurements of shear strength and dilatancy might be put. The lack of reference to recent work is painfully apparent in this chapter: of 81 references quoted, 71 are to material published before 1970 and 79 to material published before 1975. A similar pattern is apparent in the other chapters.

This book has, alas, been published several decades too late to be of any significance or assistance to the geotechnical community.

D.M.W.

Corrigendum

Anisotropic elasticity of a natural clay. J. Graham and G. T. Houlsby. *Géotechnique* **33**, No. 2, 165–180.

On page 169, equation (7) should appear as follows:

$$\begin{bmatrix} \delta\sigma_{11}' \\ \delta\sigma_{22}' \\ \delta\sigma_{33}' \end{bmatrix} = \frac{E}{(1+v)(1-2v)} \begin{bmatrix} 1-v & v & v \\ v & 1-v & v \\ v & v & 1-v \end{bmatrix} \begin{bmatrix} \delta\varepsilon_{11} \\ \delta\varepsilon_{22} \\ \delta\varepsilon_{33} \end{bmatrix} \quad (7)$$