and test methods, end-use performance properties, of structural plastics and G.R.P. composites; low density rigid foam materials, sandwich construction and design methods; structural forms for G.R.P. materials and their use in construction industry; analyses and design methods for reinforced plastic structures and numerical design and detailing examples of G.R.P. components.

Creep of engineering materials, a Journal of strain analysis monograph, edited by C.D. Pomeroy, Mechanical Engineering Publications Ltd, London.

This book is the results of a work by a team of authors, each an authority in his field. The term "engineering materials" is here interpreted widely, as the discussed topics show: Time-dependent deformation of rocks, creep of coal, of concrete, of ceramic materials, creep deformation of metals, creep rupture, creep of fibre reinforced thermosetting resins, time-dependent behaviour of bituminous materials, etc. The work is of immediate usefulness and lasting reference value.

Polymer engineering composites, edited by M.O.W. Richardson, Materials Science series, Applied Science Publishers, Ltd., 568 p.

Dealing first with typical components, the book covers the problem of adequate description and definition along with distribution, orientation and material interaction. Then a selected number of typical engineering properties are examined, with a view to providing theoretical background to some of the principles involved in successfully understanding and modifying materials behaviour. Finally applications and uses of polymer materials are discussed. The book will be of interest to materials engineers and polymer and materials scientists; it can also help students.

Two publications of The Construction Press Ltd. in the series: **Practical studies from the Building Research Establishment**.

The first volume is devoted to **Concrete** and contains the most important papers issued by the BRE from 1973 to 1978. It is divided into two sections: Materials for concrete and Properties of concrete.

Volume 2 covers **Fibre reinforced materials**: glass-reinforced polyesters, cement-based composites and fibrous composites as alternative materials.

Recently issued:

● **Advances in tribology**, papers presented at the Tribology 1976 Convention held at the University of Durham, Mechanical Engineering Publications Ltd. for the Institution of Mechanical Engineers, London.

● **Survey of industrial wastes and by-products in Australia**, by J. Beretka, published by the Division of Building Research, CSIR Melbourne.

● **The dimensional change behaviour of expansive grouts**, by J. J. J. van Rensburg, J. E. Krüger and W. H. B. Brooks, issued by the National Building Research Institute Council for Scientific and Industrial Research 1978 Pretoria, South Africa.

● **Introductory guide to saving energy in the home**, text by the Environmental Engineering Division and P. A. Billingham, NBRI, 1977.

● **Introductory guide to floors and flooring**, compiled, by P. A. Billingham, NBRI, 1977.

● Seven publications from the **Swedish Cement and Concrete Research Institute**:

— Two in the series "Research": Frost resistance of concrete with porous aggregate, by G. Fagerlund (2 : 78);

Physical model for corrosion of steel in concrete, by Z.P. Bazant (5 : 78).

— Five in the series "Reports": Flame cleaning of concrete, by L. Johansson (4 : 77);

Ready mixed concrete in Sweden, by N. Petersons (5 : 77); The critical degree of saturation method of assessing the freeze/thaw resistance of concrete, by G. Fagerlund (6 : 77); Strength in concrete structures, by U. Bellander (1 : 78); Testing and test methods of fibre concrete, by G. Fagerlund, H. E. Gram, J. Kasperkiewicz, B. Malmberg and A. Skarendahl.

A signaler :

● **Memorio 1977**, Centro de Estudios y Experimentacion de Obras Publicas, Madrid.

● **Verzeichnis Deutscher und Internationaler Technischer Regelwerke**, DIN Deutsches Institut für Normung e.V., 1978, Beuth Verlag, Berlin, Köln.

● **Deux publications de l'Association Internationale des Ponts et Charpentiers** :

Colloque de Munich 1977, Conception, projet et exécution de construction dans les régions en développement, rapport final.

Colloque de Moscou 1978, tendances principales dans le développement des structures en acier et méthodes modernes de fabrication, rapport introductif.

3 publications du Cemento Fuso Alluminoso, Minerali e Cementi SpA, Verona :

● **Calcestruzzi refrattari isolanti di vermiculite legata con cemento fuso alluminoso**, par G. P. Baldo;

● **Il problema degli ancoraggi metallici nelle murature in calcestruzzo refrattario**, par G. B. P. Baldo;

● **Calcestruzzi isolanti, refrattari e resistenti all'abrasione nei forni per la produzione di clinker di cemento portland**, par J. Puig Montavetra et F. Sanchez Pirez.

3 publications du Laboratorio Nacional de Engenharia Civil, Portugal : **homologations de matériaux nouveaux et de procédés de construction**.

ERRATUM

The log-normal distribution: a better fitness for the results of mechanical testing of materials, by R. J. Torrent, Materials and Structures n° 64, July-August 1978.

● in page 236, 1st column, 29th line, the correct formula is

$$f(x) = \frac{1}{\sqrt{2\pi}\sigma} e^{-(x-\mu)^2/2\sigma^2} - \infty < x < +\infty$$

● in page 237, 1st column, 5th line, the correct formula is

$$f(x) = \frac{1}{\sqrt{2\pi}\beta x} e^{-(\ln x - \alpha)^2/2\beta^2} 0 \leq x < +\infty$$

● in page 242, 2st column, 11th line: the formula

$$\frac{X_K}{X_M} = \frac{e^{-K \cdot \sqrt{\ln(1+\delta^2)}}}{\sqrt{1+\delta^2}}$$

should be labelled (6), which is referred to in the text.