

fact has already been published (at a guess this 'boringness' factor must vary by several orders of magnitude), the book is very useful.

Righetti's contributions are outstanding, not only because he is extremely well informed about iso-electrofocusing, but also because of his frank and uninhibited approach. Thus he does not hesitate to criticize individuals, e.g., Vesterberg who, after filing a Swedish patent in 1964 for the synthesis of ampholytes, refrained for 5 years from publishing a scientific paper on the method. Further on, he states that after 'buying the LKB Multiphore apparatus, the first intelligent thing to do is to throw away the rubber gasket used for the gel sandwich'. By giving a thinner gel, this saves ampholine 'which costs 2.2-times more than gold'.

The chapters by Chrambach on Disc Electrophoresis and on Preparative Electrophoresis, Isotachopheresis and Electrofocusing are also very useful. In the first, he succeeds in outlining a 'rational fractionation strategy for quantitative PAGE', and in the second, he argues against the current idea that in isotachopheresis, addition of amino acids or ampholines as

spacers may lead to increased load capacity and/or resolving power. Unfortunately the 2 chapters by Righetti and the 2 by Chrambach are all remarkable, in a negative sense, because of numerous weakly constructed sentences and typographical errors. For readers already familiar with the subjects covered, the underlying meaning can be worked out, but do not buy this book unless you can put up with the following reference in the text: w?v&!c&mn et al., and the figure on page 340 which includes 16 numbers, only 12 of which are explained, and finally, the diagram on page 390, part of which is in Japanese!

No further review space will be devoted to errors because the positive aspects of this book far outweigh the negative. In all, the contributions of the 26 authors, many of whom are leaders in their own fields, are a useful aid towards a fuller understanding of the interactions between buffer ions, large molecules, particles and the matrices through which they migrate. The chapter by J. R. Cann on electrophoresis and isoelectrofocusing of interacting systems is an excellent example.

A. H. Gordon

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