liked to see more emphasis placed on the use of significant figures and a little less emphasis on the formal part of preparing notes. The main part of the book consists of 47 experiments described in detail: 10 in mechanics; 7 in heat, theory of gases, and acoustics; 12 in optics; and 18 in electricity and magnetism. In line with the undergraduate character of the book no advanced experiments are described. The most advanced, in terms of modern physics, is probably the determination of the characteristics of a triode, which indicates how "classical" the contents of this syllabus are. The volume ends with appendixes on damping, galvanometers, and error calculation, as well as a few simple tables used in undergraduate laboratory practice.

All experiments are described in detail with extensive numerical examples giving the usual course of an experiment. The book does not ask the student questions as its American counterpart does—the whole experiment, together with an extensive graphical presentation of the results, is handed to the student. In comparing identical experiments in the two syllabuses, Westphal's seems to go into more detail. For instance, where Wall and Levine are content with giving the simple pendulum, Westphal treats both the simple and the compound pendulum together with a treatment of the higher order corrections of the period of oscillation. All in all, 21 pages are devoted to the pendulum as compared to 2 pages in the American book. On the other hand, the treatment of vacuum tubes is confined to 7½ pages in Westphal, whereas Wall and Levine treat vacuum tubes and related matter in 31 pages.

The book can be warmly recommended as an aid to teachers who wish to make up syllabuses of their own. It is bound very attractively in a flexible leather-like plastic cover, which should give good wear even in the hands of undergraduates. It might be worthwhile for the American book industry to have a look at this kind of binding.

Books Received

LES SÉRIES ET LEUR APPLICATION À LA RESOLUTION DE DIVERS PROBLÈMES PRATIQUES D'ANALYSE MATHÉMATIQUE, Vol. 1. By C. Meynart. 198 pp. Eyrolles, Paris, France, 1959. 2800 fr.

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