

dyaka of Brahmagupta (2 volumes, Calcutta, 1970). Unfortunately she did not live to see this edition of Lalla published, since she died when only 32 pages had been printed. The publication has been completed by Professor K. S. Shukla (who also translated Chapter 21) and Professor K. V. Sarma. Thanks to their devoted labors, this edition of the *Śiṣyadhivṛddhida Tantra* of Lalla now exists as a worthy memorial to Dr. Bina Chatterjee, historian of Indian astronomy.

NOTE

1. Part I contains the critical edition of the Tantra and of the Commentary by Mallikārjuna Sūri, written about the twelfth century. The Sanskrit texts are printed in Devanagari characters, which are those used in most of the manuscripts.

The Scottish Book: Mathematics from the Scottish Cafe. Edited by R. Daniel Mauldin. Boston (Birkhauser). 1981. xiii + 268 pp. \$24.95.

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Except for some introductory anecdotal essays by Ulam, Kac, Zygmund, and Erdős, the Scottish Book is a diverse collection of problems, still not all solved, which were initially compiled in a notebook before World War II, by mathematicians of Lwów at their favorite cafe, the Scottish Coffee House. The notebook also contained problems written by mathematicians visiting from other cities in Poland and from other countries. This practice of collecting problems in a notebook has spread to quite a few other localities, e.g., by L. Moser and subsequently by M. V. Subbarao at The University of Alberta. After Ulam migrated to the United States he translated the Scottish Cafe collection into English and distributed copies privately. Subsequently, due to the rather large interest in the collection, Ulam published the monograph *Problems in Modern Mathematics* (1964, Wiley, New York), which contained many of the problems from the Scottish notebook plus additional new material. Finally, in 1979, there was a conference in Denton, Texas, dedicated to the Scottish Book, and the book under review resulted from this conference.

Included with the problems themselves are further comments, solutions, and up-to-date references, but not to every problem. Not all the indicated “unsolved” problems are still unsolved. In particular, the reviewer has extended No. 147 (*Pi Mu Epsilon J.* **3** (1963), 410–411), and with D. J. Newman has solved No. 151 (*Amer. Math. Monthly* **69** (1963), 173). In this regard, the editor, R. D. Mauldin, noted that he had attempted to obtain an appropriate commentary on each of the problems, but did not succeed. No doubt, the next edition of the book will contain additional commentary and solutions contributed by readers of this edition.