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Ellerton, Nerida F.; Clements, M. A. (Ken)

Abraham Lincoln's cyphering book and ten other extraordinary cyphering books. With a foreword by Fred Rickey.

Cham: Springer (ISBN 978-3-319-02501-8/hbk; 978-3-319-02502-5/ebook). xviii, 367 p. (2014).

This is an important and remarkably thorough book on the teaching and learning of mathematics in Europe and North America from 1630–1880. The detailed analysis is supported by 150 images of pages from eleven cyphering books prepared by students of that period including the earliest extant handwritten manuscript of Abraham Lincoln. The abstract states that these cyphering books are discussed in ways consistent with the authors' main thesis, originally presented in [*N. Ellerton and M. A. Clements*, *Rewriting the history of school mathematics in North America 1607–1861. The central role of cyphering books*. Berlin: Springer (2012; Zbl 1295.97005)], that school mathematics was controlled by expectations associated with the cyphering tradition, especially the business-oriented abbaco curriculum. *Steven C. Althoen (Dexter)*

Classification: A30 U20 D30

Keywords: cyphering book; cyphering tradition; Abraham Lincoln; abbaco curriculum sequence for arithmetic; girls and mathematics; history of school mathematics; Irish mathematics education; Sacrobosco
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