

Smoryński, *Mathematical Problems* Errata

- p. 21, line8: “DGPr\HEnPu\OAPr” should be “DGPr\HEnPu\OAEx”.
- p. 134, line –5: The reference to Appendix A.A.1 should be to Appendix A.1.
- p. 169, line 21: The reference to Appendix A.A.1 should again be to Appendix A.1.
- p. 304, footnote 32: The book was originally to have many more illustrations in the form of postage stamps with mathematical themes. As I could not find the sources to acquire copyright permissions, I have omitted most of them, along with references to the figures. In the present case, I missed the footnote referring to the figure featuring stamps of Euler and Cauchy. The missing text reads as follows:

Pictured above is an East German stamp issued to commemorate the 200th anniversary of Euler’s death. The formula relates the numbers of vertices, edges, and faces of a convex polyhedron and resembles “Euler’s formula” relating the numbers of vertices, edges, and regions of plane graphs. Euler had discovered the formulaic relationship for polyhedra by 1750 and wrote a couple of papers attempting to establish it in 1752. Better and simpler proofs were given by other mathematicians over the next half century, and finally, in 1813, Cauchy published a proof whereby the polyhedron is represented by a plane graph, the vertices and edges of which correspond to those of the polyhedron and the regions of which correspond to the faces of the polyhedron. Euler’s formula for polyhedra thus reduces to the Cauchy-derived Euler’s formula for plane graphs. A fuller history, complete with translated excerpts from the relevant works occupies chapter 5 of Biggs, Lloyd, and Wilson, *op. cit.* In 2007, in celebration of Euler’s 300th birthday, Switzerland issued another stamp featuring Euler, the Euler formula, and a corresponding polyhedron, but the contrast is not as nice. Below is a stamp issued by France in 1989 celebrating Cauchy’s 200th birthday. It features his portrait and some representations of his mathematical contributions — the formal definition of the integral (left) and his work in Complex Analysis (right).

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An Essay on Their Nature and Importance

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2020, VI, 406 p., Softcover

ISBN: 978-3-030-50919-4