

Review of  
PHILIP EHRLICH (ED.), *REAL NUMBERS,  
GENERALIZATIONS OF THE REALS,  
AND THEORIES OF CONTINUA*

Dordrecht: Kluwer Academic Publishers, 1994

Synthese Library, Volume 242

xxxii + 279 pp. ISBN 0-7923-2689-X

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This is Volume 242 of the *Synthese Library: Studies in Epistemology, Logic, Methodology, and Philosophy of Science*. Therein:

Philip Ehrlich, General Introduction, pp. vii-xxxii.

**Part I. The Cantor-Dedekind Philosophy and Its Early Reception**

E. W. Hobson, “On the Infinite and the Infinitesimal in Mathematical Analysis,” presidential address to the London Mathematical Society (November 13, 1902), pp. 3-26. Reprinted from *Proceedings of the London Mathematical Society* 35 (1902), pp. 117-140.

**Part II. Alternative Theories of Real Numbers**

Douglas S. Bridges, “A Constructive Look at the Real Number Line,” pp. 29-92.

J. H. Conway, “The Surreals and the Reals,” pp. 93-103.

**Part III. Extensions and Generalizations of the Ordered Field of Reals: The Late 19th-Century Geometrical Motivation**

Gordon Fisher, “Veronese’s Non-Archimedean Linear Continuum,” pp. 107-145.

Henri Poincaré, review of Hilbert’s *Foundations of Geometry*, pp. 147-168. This translation by E. V. Huntington of the French-language review first appeared in the *Bulletin of the American Mathematical Society*, Series 2, Volume 10 (1903), pp. 1-23.

Giuseppe Veronese, “On Non-Archimedean Geometry,” invited address to the Fourth International Congress