

1009-01-140

Thomas Drucker* (druckert@uww.edu), Dept. of Mathematical and Comp. Sciences, University of Wisconsin–Whitewater, Whitewater, WI 53190. *Von Neumann, Godel, and Bernays–Putting Ordinals in Ordnung*. Preliminary report.

The definition of ordinals known as von Neumann-Godel-Bernays is one of the standard tools of the set theorist. The creation of that notion has been documented through the articles by the various authors published in Jean van Heijenoort's anthology. The completion of the edition of Godel's works and its publication provide access to the correspondence between Godel, Bernays, and von Neumann to supplement the published account. In addition, the three authors had widely different philosophical positions. The correspondence helps to indicate how this did not interfere with their formulating a common technical tool. (Received August 13, 2005)