

S u m m a r y

Bernard Bolzano: *On the Mathematical Method* – Czech translation

Marta Vlasáková: *Bolzanian Inspirations in Logic*

Bolzano's contribution to logic and philosophy of mathematics has over the years become more and more internationally acknowledged. Bolzano's study *Von der mathematischen Lehrart* (*On the Mathematical Method*) was originally intended as an introduction to an extensive mathematics textbook. It is, however, interesting not only from the viewpoint of mathematics. It contains a concise summary of the most important theses of Bolzano's highly original conception of logic, provides interesting insights into the foundations of mathematics and also presents some relevant methodological instructions concerning the presentation of scientific research. Bolzano's study has been translated into English and French; this volume contains the first Czech translation. The translation is preceded by an introductory study written by Marta Vlasáková. The study concentrates on two of Bolzano's novel ideas which are not (unlike many of his other important innovations) adopted by the present day mainstream logic – namely a substitutional interpretation of quantification and the intensional analysis of concepts. These ideas, which are accepted by some non-standard logical systems, could serve as an inspiration for further developments in logic.