

Abstract:

Wilhelm Matzka (1798–1891) was a German mathematician as well as an important person of the University of Prague and an eminent representative of the mathematical community in the Czech countries in the middle of the 19th century. This thesis is original and reminds of his life as well as of his scientific, pedagogical and organizational activities. The center of this work is formed by the analysis and the evaluation of Matzka's mathematical work, its classification in the development of mathematics and its education. There are mentioned his studies and monographs on mathematical applications like physics, chronology, astronomy and geodesy as well, which give the thesis a significant interdisciplinary character. This thesis presents also lot of historical connections and provides a view of the situation in the German, Czech and European world of mathematics in the 19th century.