

1086-01-886

William Thomas Archibald* (tarchi@sfu.ca). *Mathematical Publication in Early Nineteenth-Century Germany: Venues, Careers and Publics*. Preliminary report.

This paper is devoted to the following question; if one wanted to publish a mathematical article in Germany in the nineteenth century prior to Crelle's journal, what would one do?

I will first to consider the question of mathematical production and its purposes more generally at this period. The context in the period before, during and following the Napoleonic wars is particularly important. This was particularly the case for those who worked with mathematics in its various forms, for the key roles of mathematics in geodesy and navigation had made it the premier and foundational military art, useful also in all forms of construction and industry.

In the paper we take a look at where, how, and why mathematical work was published, considering careers to remind ourselves of their heterogeneous character, to identify publics and motivations for reaching them, and to be able at least to reflect, if without much actual data, on the economics of publishing mathematical works. (Received September 14, 2012)