Record Nr. UNINA9910337754903321 Autore Blum Werner Titolo European Traditions in Didactics of Mathematics [[electronic resource] /] / edited by Werner Blum, Michèle Artigue, Maria Alessandra Mariotti, Rudolf Sträßer, Marja Van den Heuvel-Panhuizen Pubbl/distr/stampa Cham, : Springer Nature, 2019 Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-05514-0 Edizione [1st ed. 2019.] 1 online resource (V, 212 p. 28 illus., 10 illus. in color.) Descrizione fisica ICME-13 Monographs, , 2520-8322 Collana Disciplina 370 Soggetti Mathematics—Study and teaching Mathematics History International education Comparative education **Mathematics Education** History of Mathematical Sciences International and Comparative Education Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di contenuto Chapter 1. European Didactic Traditions in Mathematics: Introduction and Overview -- Chapter 2. The French Didactic Tradition in Mathematics -- Chapter 3. Didactics of mathematics in the Netherlands -- Chapter 4. The Italian Didactic Tradition.-Chapter 5. The German Speaking Didactic Tradition -- Chapter 6. Didactics of Mathematics as a Research Field in Scandinavia -- Chapter 7. Czech and Slovak Research in Didactics of Mathematics Tradition and a Glance at Present State. This open access book discusses several didactic traditions in Sommario/riassunto mathematics education in countries across Europe, including France, the Netherlands, Italy, Germany, the Czech and Slovakian Republics, and the Scandinavian states. It shows that while they all share common features both in the practice of learning and teaching at school and in research and development, they each have special features due to

specific historical and cultural developments. The book also presents interesting historical facts about these didactic traditions, the theories and examples developed in these countries.