1. Record Nr. UNINA9910555236603321 Autore Johnsen Einar Broch Titolo Fundamental approaches to software engineering: 25th International Conference, FASE 2022, held as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2022, Munich, Germany, April 2-7, 2022, Proceedings / / editors, Einar Broch Johnsen, Manuel Wimmer Pubbl/distr/stampa Cham, : Springer International Publishing AG, 2022 **ISBN** 3-030-99429-5 Descrizione fisica 1 online resource (xiv, 347 pages): illustrations Lecture notes in computer science: v.13241 Collana Altri autori (Persone) JohnsenEinar Broch WimmerManuel Soggetti Software engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes author index. Description based upon print version of record. Sommario/riassunto This open access book constitutes the proceedings of the 25th International Conference on Fundamental Approaches to Software Engineering, FASE 2022, which was held during April 4-5, 2022, in Munich, Germany, as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2022. The 17 regular papers presented in this volume were carefully reviewed and selected from 64 submissions. The proceedings also contain 3 contributions from the Test-Comp Competition. The papers deal with the foundations on which software engineering is built, including topics like software engineering as an engineering discipline, requirements engineering, software architectures, software quality, model-driven development, software processes, software evolution, Al-based software engineering, and the specification, design, and implementation of particular classes

of systems, such as (self-)adaptive, collaborative, AI, embedded, distributed, mobile, pervasive, cyber-physical, or service-oriented

applications.