Record Nr. UNINA9910164134603321 Proceedings of the workshop: the exact renormalization group. // **Titolo** editors, A. Krasnitz [and three others] Pubbl/distr/stampa Singapore:,: World Scientific,, 1999 ©1999 **ISBN** 981-4527-29-7 Descrizione fisica 1 online resource (238 pages): illustrations Disciplina 530.143 Soggetti Renormalization group Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Title from PDF title page (viewed March 30, 2017). "Workshop on the Exact Renormalization Group, Faro, 10-12 September 1998"--Page v. Nota di bibliografia Includes bibliographical references at the end of each chapters. Sommario/riassunto "The subject of the exact renormalization group started from pioneering work by Wegner and Houghton in the early seventies and, a decade later, by Polchinski, who formulated the Wilson renormalization group for field theory. In the past decade considerable progress has been made in this field, which includes the development of alternative formulations of the approach and of powerful techniques for solving the exact renormalization group equations, as well as widening of the scope of the exact renormalization group method to include fermions and gauge fields. In particular, two very recent results, namely the manifestly gauge-invariant formulation of the exact renormalization group equation and the proof of the c-theorem in four dimensions, are

presented in this volume."--Publisher's website.