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| Titolo | Correlations & fluctuations in QCD [[electronic resource]] : proceedings of the 10th International Workshop on Multiparticle Production, Crete, Greece, 8-15 June 2002 // edited by N.G. Antoniou, F.K. Diakonos & C. N. Ktorides |
| Pubbl/distr/stampa | New Jersey : , : World Scientific, , c2003 |
| ISBN | 1-281-90623-9 9786611906238 981-270-464-7 |
| Descrizione fisica | 1 online resource (423 pages) |
| Altri autori (Persone) | AntoniouN. G (Nikos G.) DiakonosF. K (Fotis K.) KtoridesC. N <1944-> (Christos Nicolas) |
| Disciplina | 539.7548 |
| Soggetti | Particles (Nuclear physics) - Multiplicity Pairing correlations (Nuclear physics) Fluctuations (Physics) Nuclear fragmentation Quantum chromodynamics |
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| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Preface; CONTENTS; Bo Andersson (1937-2002) W. Kittel; The Discovery of Neutrino Masses N. Schmitz; Sessions on Correlations and Fluctuations in e+e-, hh Collisions Chairpersons: C. N. Ktorides, B. Buschbeck, A. Giovannini, L Liu, and I. Dremin; Session on Phase Transitions in QCD Chairperson: N. Schmitz; Sessions on Correlations and Fluctuations in Heavy Ion Collisions Chairpersons: G. Wilk and T. Trainor; Session on Complexity and Strong Interactions Chairperson: R. C. Hwa; Session on Correlations and Fluctuations (Methods and Applications) Chairperson: M. Spyropoulou-Stassinaki List of Participants |
| Sommario/riassunto | This book contains a wide spectrum of articles which report the current research progress in topics concerning the dynamics of multiparticle |

production in high energy collision processes, with emphasis on nonperturbative aspects of QCD. The topics covered are: the phase diagram of QCD and related transitions; correlations and fluctuations in a variety of experiments involving multiparticle production (e+e- annihilation, pp collisions and heavy ion collisions); recent theoretical and experimental developments in interferometry and particle correlations; event-by-event fluctuations in high energy
