

1. Record Nr.	UNINA9910480759303321
Autore	Duzaar Frank <1957->
Titolo	Parabolic systems with polynomial growth and regularity / / Frank Duzaar, Giuseppe Mingione, Klaus Steffen
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2011 ©2011
ISBN	1-4704-0622-5
Descrizione fisica	1 online resource (118 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 214, Number 1005
Disciplina	515.3534
Soggetti	Differential equations, Parabolic Polynomials Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 214, Number 1005 (first of 5 numbers )."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Acknowledgments""; ""Introduction""; ""Chapter 1. Results""; ""1.1. Partial regularity""; ""1.2. Singular sets estimates""; ""1.3. Extended CalderA <sup>3</sup> n-Zygmund theory""; ""1.4. Outline of the paper""; ""Chapter 2. Basic material, assumptions""; ""2.1. Notation, parabolic cylinders""; ""2.2. Basic assumptions, especially for partial regularity""; ""2.3. General technical results""; ""2.4. Compactness in parabolic spaces""; ""2.5. Function spaces, preliminaries""; ""2.6. Parabolic Hausdorff dimension""; ""Chapter 3. The A-caloric approximation lemma"" ""8.5. Proof of the a priori estimate""""8.6. Exit times""; ""8.7. Construction of comparison maps""; ""8.8. Estimates on cylinders""; ""8.9. Estimates for super-level sets""; ""8.10. Estimate 1.20 and proof of Theorem 1.6 concluded""; ""8.11. Proof of Theorem 1.5""; ""8.12. Proof of Theorems 1.7 and 1.9""; ""8.13. Interpolative nature of estimate 1.20""; ""Bibliography""