

1. Record Nr.	UNINA9910813657503321
Autore	Guralnick Robert M. <1950->
Titolo	The rational function analogue of a question of Schur and exceptionality of permutation representations / / Robert M. Guralnick, Peter Muller, Jan Saxl
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 2003
ISBN	1-4704-0371-4
Descrizione fisica	1 online resource (96 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; number 773
Disciplina	512/.3
Soggetti	Algebraic fields Arithmetic functions Permutation groups Polynomials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Volume 162, number 773 (end of volume)."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Chapter 1. Introduction""; ""Chapter 2. Arithmetic-Geometric Preparation""; ""2.1. Arithmetic and geometric monodromy groups""; ""2.2. Distinguished conjugacy classes of inertia generators""; ""2.3. Branch cycle descriptions""; ""2.4. The branch cycle argument""; ""2.5. Weak rigidity""; ""2.6. Topological interpretation""; ""2.7. Group theoretic translation of arithmetic exceptionality""; ""2.8. Remark about exceptional functions over finite fields""; ""Chapter 3. Group Theoretic Exceptionality""; ""3.1. Notation and definitions""; ""3.2. Primitive groups"" ""6.3. Existence results""""Chapter 7. Sporadic Cases of Arithmetic Exceptionality""; ""7.1. $G = C[\text{sub}(2)] \times C[\text{sub}(2)]$ (Theorem 4.13(a)(iii))""; ""7.2. $G = (C[\text{sup}(2)][\text{sub}(11)]) \times GL[\text{sub}(2)(3)$ (Theorem 4.13(c)(1))""; ""7.3. $G = (C[\text{sup}(2)][\text{sub}(11)]) \times S[\text{sub}(3)]$ (Theorem 4.13(c)(ii))""; ""7.4. $G = (C[\text{sup}(2)][\text{sub}(5)]) \times ((C[\text{sub}(4)] \times C[\text{sub}(2)]) \times C[\text{sub}(2)])$ (Theorem 4.13(c)(iii))""; ""7.5. $G = (C[\text{sup}(2)][\text{sub}(5)]) \times D[\text{sub}(12)]$ (Theorem 4.13(c)(iv))""; ""7.6. $G = (C[\text{sup}(2)][\text{sub}(3)]) \times D[\text{sub}(8)]$ (Theorem 4.13(c)(v))""; ""7.7. $G = (C[\text{sup}(4)][\text{sub}(2)]) \times (C[\text{sup}(5)] \times C[\text{sub}(2)])$ (Theorem 4.13(c)(vi))"" ""7.8. $G = PSL[\text{sub}(2)](8)$ (Theorem 4.10(a))""""7.9. $G = PSL[\text{sub}(2)](9)$

