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Nota di contenuto	Contents -- Preface -- Conference Participants -- The Milnor Sequence For $Wqf(X)$ In Characteristic 2 When $F$ Is Perfect -- Spinor Norm For Local Skew-Hermitian Forms -- An Introduction To Triangular Witt Groups And A Survey Of Applications -- Regularity Properties Of Positive Definite Integral Quadratic Forms -- Effective Results On Representations Of Quadratic Forms -- Quaternary Quadratic Forms And Hilbert Modular Surfaces -- Real Semigroups And Abstract Real Spectra. I -- The Role Of Characteristic Vectors in the Neighbour Lattice Process -- 7.2 The Algebraic Closure Of The Base Field Inside The Function Field Of A $P$ -Form -- 7.3 $P$ -Splitting Of A $P$ -Form Over The Function Field Of A $P$ -Form -- 7.4 Isotropy Of $P$ -Forms Over Function Fields Of $P$ -Forms -- 7.5 Some Remarks On Height And Splitting Patterns Of $P$ -Forms -- 7.6 Some Applications To Quasi-Pfister Neighbors -- 8. The Behaviour Of Differential Forms Under Function Field Extensions Of $P$ -Forms -- Local Densities And The Representations Of An Integer By A Definite Quadratic Form -- Periodicity Of Hermitian $K$ -Theory And Milnors $K$ -Groups -- Third Proof Of Second Gap In Dimensions Of Quadratic Forms From In -- Recent Developments On Universal Forms -- Special Siegel Modular Forms And Singular Series Polynomials Of Quadratic Forms -- Quasi-

Hyperbolicity Of Totally Singular Quadratic Forms -- Witt Kernels Of Triquadratic Extensions -- Anti-Automorphisms Of The Second Kind -- Reduction Modulo 2 And 3 Of Euclidean Lattices, Ii -- The Elementary Type Conjecture In Quadratic Form Theory -- 1. Quadratic Form Schemes -- 2. Quaternionic Mappings And Witt Rings -- 3. Elementary Constructions -- 4. Uniqueness Results And Counting -- 5. The Reduced Case -- 6. The Case Of Small Value Sets -- 7. The Case Of Few Quaternion Algebras -- 8. Quotients -- 9. Morphisms And Field Extensions -- 10. Connections To Galois Theory -- On Hilbert's Theorem About Ternary Quartics -- Representation By Integral Quadratic Forms: A Survey -- Representations By Spinor Genera Of Ternary Quadratic Forms -- A Survey And A Complement Of Fundamental Hermite Constants.

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