Symplectic Groups

O. T O'Meara

The symplectic groups, their parametrization and cover Chapter 2. The Symplectic Group. This chapter is a review of the most basic concepts of the theory of the symplectic group, and of related concepts, such as Symplectic Group -- from Wolfram MathWorld Symplectic Linear Groups — Sage Reference Manual v6.9: Groups Odd symplectic groups - Springer Let G be a finite group and ? be an irreducible character. We say that a subgroup H is a ?-subgroup if the restriction ?H of ? to H has at lea. The Endoscopic Classification of Representations Orthogonal and . - Google Books Result Symplectic Group. The orthogonal groups were based on a symmetric metric. Symmetric matrices; Determinant of 1. An antisymmetric metric can also exist. Exponential sums for symplectic groups and their applications; ?Rank Three Symplectic Groups - Math StackExchange Every symplectic form can be put into a canonical form by finding a symplectic basis. So, up to conjugation, there is only one symplectic group, in contrast to the symplectic group in nLab We are working over the finite field F of odd prime characteristic and of cardinality some power of . We recall the symplectic group F as the group of compact symplectic group in nLab Within the Langlands program, endoscopy is a fundamental process for relating automorphic representations of one group with those of another. In this book Symplectic, Quaternionic, Fermionic - Ucr ?Aug 30, 2012 . Jump to: navigation, search. This article describes order formulas for the symplectic group of finite degree over a finite field and its variants. 18.704 Supplementary Notes. March 18, 2005. Symplectic groups. These notes cover most of what I did in the seminar on March 14, in a slightly. Sp(n), THE SYMPLECTIC GROUP 1. Introduction 1.1 - Connie Fan In mathematics, the name symplectic group can refer to two different, but closely related, collections of mathematical objects, denoted Sp(2n, F) and Sp(n). Orthogonal and Symplectic Groups - American Mathematical Society Dec 9, 2013 . The compact symplectic group (in n n dimensions) is the simply-connected, maximal compact real Lie group Sp(n) sitting inside the Symplectic groups and quaternions reference request - Structure of symplectic group over finite fields . Symplectic Groups, Symmetric. Designs, and Line Ovals* - WILIAM. M. KANTOR. Department of Mathematics, - University of Oregon, Eugene, Oregon 97403. Symplectic Groups Over Local Rings - JStor Sp(n), THE SYMPLECTIC GROUP. CONNIE FAN. 1. Introduction. 1.1. Definition. Sp(n) = O(n,H) = (A ? Mn(H)At ?. A = I) is the symplectic group. 1.2. Example. Order of the finite symplectic group - MIT Mathematics Proposed Running Head: Maximal subgroups of finite symplectic groups. Abstract. We prove that, for q odd, the group G = Un(q2) is maximal in the, 4 Symplectic groups SYMPLECTIC GROUPS OVER LOCAL RINGS *. - By WILHELM KLINGENBERG. Let L be a local ring, i.e., a commutative ring with unit and a greatest. Symplectic Group Arthur Parameters and Fourier coefficients for Automorphic Forms. We study the conjugacy classification of integral symplectic matrices with a given separable, irreducible and palindromic monic polynomial as their characteristic. symplectic groups - School of Mathematics, University of Edinburgh perties of connectivity and covering of the symplectic groups. and to the two-dimensional pseudo—unitary group SU(1,1), and covers twice the three-. Order formulas for symplectic groups - Groupprops Sep 24, 2013 . Abstract: We study the structures of Fourier coefficients of automorphic forms on symplectic groups based on their local and global structures.