

The MORSE Code with Combinatorial Geometry

UCMARS - A User Code with a Multiple-Array System
using Combinatorial Geometry for EGS4

- Linux version -

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inchuelvo dotes). Topical Re ort, 1 January Download Citation on ResearchGate The MORSE Code with
Combinatorial Geometry The combinatorial geometry allows efficient Monte Carlo radiation.Buy The MORSE Code
with Combinatorial Geometry by Edward A. Straker (ISBN :) from Amazon's Book Store. Everyday low prices and free
delivery on eligible.The MORSE code is a multipurpose neutron and gamma-ray combinatorial geometry as with any
other geometry compatible with MORSE.Combinatorial Geometry (CG) is a geometry package for particle CG was
originally developed at ORNL for MORSE code to simulate neutron.distributed with MORSE did not fully demonstrate
the capability of the code. a total density of g/R. The combinatorial geometry package (CG) was used to .1 - Nature of
physical problem solved: The MORSE code is a multipurpose It can be used with the O5R geometry or with the
combinatorial geometry as with.The MORSE-CG computer code system has been revised to add a new geometry
module MARS, which is the combinatorial geometry package.MORSE-H is a collection of useful options for use with
MORSE codes. 2. the Mathematical Applications, Inc. (MAGI) combinatorial geometry routines.The Combinatorial
Geometry used by FLUKA is loosely based on the package transport program Morse (M.B. Emmett ORNL) which .
Code: XYP.The MORSE-SGC (Super Grouped Cross Section) code is a version of the code is available with both an
improved combinatorial geometry.a testing ground for new methods in dynamics, geometry and combinatorial .. by
using the cross-section corresponding to the Morse code and by linearizing.several modifications to the MORSE Monte
Carlo Code, replacement pages containing corrections, Part . CG - The Combinatorial Geometry Module . code using
com- binatorial geometry.1 close-packed storage of the combinatorial geometry data BYRN, "The MORSE Code with
Combinatorial Geome-.then, the neutron transport in the accelerator head was done with MORSE. Using the
Combinatorial Geometry package of MORSE, an EGS4 user code was .executed within a three-dimensional
combinatorial geometry approach similar to that found in the. MORSE[6] code. In condensed-history Monte Carlo
electrons.The code system include the GRTUNCL and DORT codes for air-over-ground transport calculations, the
MORSE code with the GIFT5 combinatorial geometry.The HETC/. HEDS, MORSE, and EGS transport codes will be
interfaced with a common 3-D combinatorial geometry. (CG). The CG methodology allows complex.Initially, FLUKA
Combinatorial Geometry was similar to the package developed at ORNL for the neutron and gamma-ray transport
program Morse (M.B. Emmett.Discrete mathematics is the study of mathematical structures that are fundamentally
discrete The need to break German codes in World War II led to advances in cryptography Computational geometry has
been an important part of the computer . discrete differential geometry, discrete exterior calculus, discrete Morse.

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