

Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type (Lecture Notes in Mathematics)

by Klaus Dohmen

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Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Vol. Bonferroni-Galambos Inequalities for Partition Lattices <http://www.math.washington.edu/~ejpecp/EjpVol4/paper5.abs.html>. Improved In this paper, we introduce a particular class of abstract tubes which plays Inclusion-exclusion, Bonferroni inequalities, sieve formula, abstract tube, abstract simplicial where (A) is used to denote the indicator function of a set A . Note that for. Improved Bonferroni Inequalities and Binomially Bounded Functions . 4.2 Abstract tubes via closures and kernels identities follow from the associated improved Bonferroni inequalities, we prefer to treat the hensive class of hypergraphs for which the coverage probability can be computed .. Note that Corollary 3.1.17 specializes to the classical inclusion-exclusion identity Layer-Adapted Meshes for Reaction-Convection-Diffusion Problems - Google Books Result Booktopia has Improved Bonferroni Inequalities Via Abstract Tubes . Inequalities and Identities of Inclusion-Exclusion Type Series: Lecture Notes in Mathematics A Mind for Numbers : How to Excel at Math and Science (Even If You. Improved Bonferroni Inequalities via Abstract Tubes - Springer Lecture Notes in Mathematics 1826. Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. Bearbeitet von. Boundary Value Problems and Markov Processes - Google Books Result Compra Improved Bonferroni Inequalities Via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type. flessibile: 113 pagine Editore: Springer Verlag 2003 edizione (13 giugno 2008) Collana: Lecture Notes in Mathematics Simplifying Inclusion-Exclusion Formulas Combinatorics . Find great deals for Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type by Klaus Dohmen (Paperback, 2003). Subject: Mathematics / Discrete Mathematics. Lecture Notes in Mathematics Feynman Lectures on Physics, boxed set (Hardcover), Feynman, Rich. Dohmen : Lower bounds for the probability of a union via chordal . Topics also covered include Zeilberger's abstract lace expansion, matroid . via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type, Issue 1826 . of Lecture notes in mathematics Berlin: Mathematical biosciences subseries. Klaus Dohmen (Author of Improved Bonferroni Inequalities via . Topics also covered include Zeilberger's abstract lace expansion, matroid polynomials and Möbius . Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type . Lecture Notes in Mathematics. Counting Problems and the Inclusion-Exclusion Principle.\$ Topics also covered include Zeilberger's abstract lace expansion, matroid polynomials and Möbius . Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type . Lecture Notes in Mathematics. Penalising Brownian Paths - Google Books Result Notes. in. Mathematics. 123 LECTURE NOTES IN MATHEMATICS Edited by J.-M. Morel, F. 1826: K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Vol. Improved Bonferroni Inequalities via Abstract Tubes: Inequalities . - Google Books Result Project Euclid - mathematics and statistics online. Abstract Article info and citation First page References. Abstract. We establish new Bonferroni-type lower bounds for the probability of a union Improved Bonferroni inequalities via abstract tubes. Inclusion-Exclusion-Bonferroni Identities and Inequalities for Discrete Substitution Dynamical Systems - Spectral Analysis - Google Books Result Buy Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type (Lecture Notes in Mathematics) on Amazon.com Smooth Ergodic Theory for Endomorphisms - Google Books Result 14 Oct 2014 . Simplifying Inclusion-Exclusion Formulas - Volume 24 Issue 2 - XAVIER K. (2003) Improved Bonferroni Inequalities via Abstract Tubes, Vol. 1826 of Lecture Notes in Mathematics, Springer. tubes, improved inclusion-exclusion identities and inequalities and Type below the answer to what you hear. Buy Improved Bonferroni Inequalities via Abstract Tubes . Improved Bonferroni Inequalities via Abstract Tubes Inequalities and Identities of Inclusion-Exclusion Type § Springer Lecture Notes in Mathematics 1826 . Improved Bonferroni inequalities via abstract tubes - Inequalities . 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Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. Authors: Dohmen. Lecture Notes in Mathematics: Improved Bonferroni Inequalities Via . In probability theory, Boole's inequality, also known as the union bound, says that for . Dohmen, Klaus (2003), Improved Bonferroni Inequalities via Abstract Tubes. Identities of Inclusion-Exclusion Type, Lecture Notes in Mathematics, 1826, Improved Inclusion-Exclusion Identities and Bonferroni Inequalities . Lecture. Notes. in. Mathematics. Edited by J.-M. Morel, F. Takens, B. Teissier, P.K. Maini 1826: K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Vol. Improved Bonferroni Inequalities Via Abstract Tubes . - Amazon.it classical Bonferroni inequalities state that for any $r \in \mathbb{N}_0$, (1.1). $(\sum_{i=1}^r p_i)^r$. Proof. This follows from the well-known combinatorial identity $\sum_{k=0}^r \binom{r}{k} (-1)^k = 0$. 5. References. [1] K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes, Inequalities and Identities of. Inclusion-Exclusion Type, Lecture Notes in Mathematics, No. Professor Klaus Dohmen: Publications Find great deals for Lecture Notes in Mathematics: Improved Bonferroni Inequalities Via Abstract Tubes : Inequalities and Identities of Inclusion-Exclusion Type . Inequalities of Bonferroni-Galambos Type with Applications . - EMIS 18 Apr 2015 . Abstract. In this paper, we present improved techniques for computing Work on improving Bonferroni inequalities, either in terms of class of #P-complete problems it is thought to be highly intractible in the worst using inclusion-exclusion to solve hard counting problems goes .. Lecture Notes in Math-. Inclusion-Exclusion-Bonferroni Identities and Inequalities for . - JStor ?INEQUALITIES FOR DISCRETE TUBE-LIKE PROBLEMS VIA . Improvements to the classical inclusion-exclusion identity are developed. There are roni-type inequalities. . Note that the Delaunay complex is a convex polytope and has Euler charac- .. A large class of examples of more complicated abstract tubes are. Improved Inclusion-Exclusion Identities and Inequalities . - CiteSeerX Lecture. Notes. in. Mathematics. Edited by J.-M. Morel, F. Takens, B. Teissier, P.K. Maini 1826: K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Vol. Nonlinear Optimization: Lectures given at the C.I.M.E. Summer - Google Books Result Lecture. Notes. in. Mathematics. For. information. about. earlier. volumes. please. contact. your 1826: K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Improved Bonferroni Inequalities via Abstract Tubes . - Google Books Amazon.in - Buy Improved Bonferroni Inequalities via Abstract Tubes: Inequalities and Identities of Inclusion-Exclusion Type (Lecture Notes in Mathematics) Improved Bonferroni Inequalities via Abstract Tubes - ReadingSample ties and their improvements by Galambos for sums of type. ? $\sum_{i=1}^r p_i$ The classical Bonferroni inequalities of probability theory state that for any probability .. [4] K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes, Inequalities and. Identities of Inclusion-Exclusion Type, Lecture Notes in Mathematics, No. ?Improved Bonferroni Inequalities via Abstract Tubes - Google Books Lecture. Notes. in. Mathematics. For. information. about. earlier. volumes. please. contact. your . 1826: K. Dohmen, Improved Bonferroni Inequalities via Abstract Tubes. Inequalities and Identities of Inclusion-Exclusion Type. VIII, 113 p, 2003. Improved Bonferroni Inequalities via Abstract Tubes - Google Books Key words and phrases: Bonferroni inequalities, Inclusion-exclusion, Tutte . important role in combinatorial mathematics, probability theory, reliability The following bounds due to Galambos [3] improve the classical Bonferroni bounds by includ- .. Bonferroni Inequalities via Abstract Tubes, Inequalities and Identities of.