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*faculty directory mit mathematics* Nov 23 2021 massachusetts institute of technology department of mathematics headquarters office simons building building 2 room 106 77 massachusetts avenue **faculty department of computer science cornell university** Dec 25 2021 professor electrical and computer engineering cs field member ph d university of massachusetts amherst 1996 research focus adaptive and reconfigurable multi core and processor architectures power and reliability aware computing and high performance interconnect architectures using silicon nanophotonics research areas computer architecture

**list of cryptocurrencies wikipedia** Jun 18 2021 year of introduction currency symbol founder s hash algorithm programming language of implementation consensus mechanism notes 2009 bitcoin btc xbt satoshi nakamoto sha 256d c pow the first and most widely used decentralized ledger currency with the highest market capitalization as of 2018 2011

**chinese postman problem wikipedia** Oct 23 2021 in graph theory a branch of mathematics and computer science guans route problem the chinese postman problem postman tour or route inspection problem is to find a shortest closed path or circuit that visits every edge of an connected undirected graph when the graph has an eulerian circuit a closed walk that covers every edge once that circuit is an optimal solution

**liouville number wikipedia** May 18 2021 in number theory a liouville number is a real number  $x$  with the property that for every positive integer  $n$  there exists a pair of integers  $p$   $q$  with  $q \geq 1$  such that  $|x - \frac{p}{q}| < \frac{1}{q^n}$  liouville numbers are almost rational and can thus be approximated quite closely by sequences of rational numbers they are precisely those transcendental numbers that can be more closely approximated by

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**mean field theory wikipedia** Sep 21 2021 in physics and probability theory mean field theory mft or self consistent field theory studies the behavior of high dimensional random models by studying a simpler model that approximates the original by averaging over degrees of freedom the number of values in the final calculation of a statistic that are free to vary such models consider many

individual components that

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2004 isbn 3 11 016727 1 ronald graham martin grötschel lászló lovász herausgeber

[field mathematics wikipedia](#) Oct 03 2022 in mathematics a field is a set on which addition  
subtraction multiplication and division are defined and behave as the corresponding operations on  
rational and real numbers do a field is thus a fundamental algebraic structure which is widely used  
in algebra number theory and many other areas of mathematics citation needed the best known  
fields are the field of rational

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combinatorics graph theory and the theory of computation theorized by alan turing in 1937 this  
machine which began as an abstract idea later laid

**inclusion exclusion principle wikipedia** Apr 28 2022 in combinatorics a branch of mathematics  
the inclusion exclusion principle is a counting technique which generalizes the familiar method of  
obtaining the number of elements in the union of two finite sets symbolically expressed as where  $a$   
and  $b$  are two finite sets and  $s$  indicates the cardinality of a set  $s$  which may be considered as the  
number of elements of

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**continued fraction wikipedia** Aug 21 2021 in mathematics a continued fraction is an expression obtained through an iterative process of representing a number as the sum of its integer part and the reciprocal of another number then writing this other number as the sum of its integer part and another reciprocal and so on in a finite continued fraction or terminated continued fraction the iteration recursion is

**automata theory wikipedia** Jan 26 2022 automata theory is the study of abstract machines and automata as well as the computational problems that can be solved using them it is a theory in theoretical computer science the word automata comes from the greek word αὐτόματος which means self acting self willed self moving an automaton automata in plural is an abstract self propelled computing device