

Problemas Resueltos De Matematica Discreta

Paso A Paso

Notas de matemática discreta MATEMATICAS DISCRETAS Bibliografía

española Matemática discreta y lgebra matemática Introducci n a la matemática discreta Matemática discreta. 3 ed. Matemática Matemática discreta Invitaci n a la matemática discreta Matemática discreta Libros espa oles en venta, ISBN lgebra y matemática discreta lgebra y Matemática Discreta Libros espa oles en venta Boletín bibliográfico mexicano Razon y fe Matematica discreta Matemática discreta y lgebra La educaci n superior de Uruguay en transici n N madas Richard Johnsonbaugh Manuel Murillo Tsijli GARCÍA MERAYO, FELIX Francisco Vera Edward R. Scheinerman Ji í Matou ek Francesc Comellas Juan ngel Aledo Sánchez Manuel Abellanas Winfried K. Grassmann Enrique Martínez Larrechea

Notas de matemática discreta MATEMATICAS DISCRETAS Bibliografía española Matemática discreta y lgebra matemática Introducci n a la matemática discreta Matemática discreta. 3 ed. Matemática Matemática discreta Invitaci n a la matemática discreta Matemática discreta Libros espa oles en venta, ISBN lgebra y matemática discreta lgebra y Matemática Discreta Libros espa oles en venta Boletín bibliográfico mexicano Razon y fe Matematica discreta Matemática discreta y lgebra La educaci n superior de Uruguay en transici n N madas *Richard Johnsonbaugh Manuel Murillo Tsijli GARCÍA MERAYO, FELIX Francisco Vera Edward R. Scheinerman Ji í Matou ek Francesc Comellas Juan ngel Aledo Sánchez Manuel Abellanas Winfried K. Grassmann Enrique Martínez Larrechea*

este libro se dise ña para un curso de introducci n a matemáticas discretas la exposici n es clara y adecuada además de que contiene abundantes ejercicios esta edici n igual que las anteriores incluye temas como algoritmos combinatoria conjuntos funciones e inducci n matemática también toma en cuenta la comprensi n y construccion de pruebas y en general el reforzamiento matemático el primer capítulo

de l gica y demostraciones se ampli en forma considerable se agregaron ejemplos de l gica en lenguajes de programaci n se presentan varios ejemplos de algoritmos antes de llegar a la notaci n de o mayúscula un nuevo capítulo de introducci n a la teoría de números este capítulo incluye resultados clásicos como la divisibilidad la infinitud de los primos el teorema fundamental de la aritmética así como los algoritmos de teoría de números

esta obra está dirigida principalmente a estudiantes de matemáticas y de computaci n también es de interés para todas aquellas personas que encuentran en las matemáticas el lenguaje universal con el cual se pueden explicar los fen menos que se presentan en nuestro entorno y por supuesto a todos los que ven en ella una puerta que los llevará hacia la búsqueda del conocimiento orientado al desarrollo científico y tecnol gico contiene los temas que habitualmente se imparten en un curso inicial de matemática discreta de nivel universitario como base para una formaci n académica s lida su objetivo principal es presentar los contenidos de forma rigurosa y atractiva para ello se desarrollan más de 300 ejemplos y se proponen cerca de 500 ejercicios la gran mayoría con soluci n además en esta segunda edici n se han incorporado algunos temas y secciones a cada capítulo

esta tercera edici n de matemática discreta se ha enriquecido con nuevos capítulos dedicados a la algorítmica y a la complejidad computacional a la aplicaci n de los grafos a la ingeniería y la investigaci n operativa y a la aritmética zm la nueva teoría tal como se ha hecho en ediciones anteriores se acompa a de innumerables casos y ejemplos analizados con esta nueva edici n se pretende ofrecer un tratado moderno más completo y mejor adaptado al aprendizaje de esta materia por el estudiante universitario tanto de las distintas ramas de la ingeniería como de ciencias el contenido de la obra es fruto de la experiencia docente del autor en la referida materia dentro del ámbito universitario sobre todo en lo relativo a la ingeniería informática en universidades tanto públicas como privadas el texto cubre y desarrolla las siguientes áreas teoría de números álgebra de boole teoría de conjuntos relaciones recurrencias análisis combinatorio una extensa teoría de grafos con un capítulo especial dedicado a los árboles grafos planos y coloreados y la l gica de predicados asimismo el libro se presenta con un enfoque claro y didáctico gracias a

la gran cantidad de ejercicios que se analizan y resuelven a modo de ejemplo

esta traz uma abordagem da matemática discreta a obra foi elaborada pelo autor em colaboração com alunos e leitores o material é aplicável à ciência da computação e à engenharia mas apresentado a partir de uma perspectiva matemática

invitación a la matemática discreta es una introducción clara accesible y autocontenida a la matemática discreta y en particular a la combinatoria y la teoría de grafos está orientada a estudiantes de grado y primeros cursos de postgrado y ha sido escrita con el propósito de estimular el interés por las matemáticas a través de una aproximación activa al material por medio de la resolución de problemas la obra se centra en un espectro menor de temas que la mayoría de textos de matemática discreta con la intención de abordar los contenidos seleccionados con una profundidad poco común y bajo puntos de vista diversos el libro refleja la convicción de los autores que el mayor provecho que se obtiene estudiando matemáticas es el cultivo de un pensamiento lógico y transparente los más de 400 ejercicios que acompañan al texto de diferentes grados de dificultad y muchos de ellos con indicaciones para su solución sostienen esa opinión la obra está escrita con un estilo vivaz e informal y ha sido ilustrada con más de 200 diagramas y dibujos

un libro de texto escrito especialmente para cursos basicos de matematica discreta el desarrollo de los temas se presenta de la forma mas sencilla que ha sido posible sin perder el rigor matematico acompanado de numerosos ejercicios y problemas propuestos aborda tecnicas de enumeracion estructuras combinatorias teoria de grafos y las estructuras algebraicas presenta temas de combinatoria como particiones de conjuntos y de enteros y la teoria de ramsey

lgebra y matemática discreta

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