

1. Record Nr.	UNINA9910913793103321
Autore	Hoffman Frederick
Titolo	Combinatorics, Graph Theory and Computing : SEICCGTC 2022, Boca Raton, USA, March 7–11 // edited by Sarah Heuss, Richard Low, John C. Wierman
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031621666 3031621662
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (429 pages)
Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1017 ; ; 462
Altri autori (Persone)	HeussSarah LowRichard WiermanJohn C. <1949->
Disciplina	511.6
Soggetti	Graph theory Probabilities Algorithms Graph Theory Graph Theory in Probability Teoria de grafs Anàlisi combinatòria Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	- Agrinoni C., Janwa H., Delgado M. A New Absolute Irreducibility Criterion for Multivariate Polynomials over Finite Fields -- Abueida A., Daven M. On Decompositions of the Johnson Graph -- Almodóvar L., Brady E., Fitzgerald M., Su H.-H., Todt H. DNA Self-Assembly: Friendship Graphs -- Bajnok B. Additive Combinatorics in Groups and Geometric Combinatorics on Spheres -- Bajnok B. A Walk Through Some Newer Parts of Additive Combinatorics -- Berry T., Schluchter S. Applications of Topological Graph Theory to 2-Manifold Learning -- Bickle A. Nordhaus-Gaddum Theorems for Multifactor Decompositions -- Boats J., Kikas L. The Pansophy of Semi Directed Graphs -- Bunge R. C., Dodson S.R., El-Zanati S.I., Franzmeier J., Horne D. Decomposing

the  $k$ -fold complete 3-uniform hypergraph into the lines of the Pasch configuration -- Bunge R.C., El-Zanati S.I., Kirkpatrick J.N., Sanderson S.M., Severino M.J., Turner W.F. The Spectrum Problem for the 4-Uniform 4-Colorable 3-Cycles with Maximum Degree 2 -- Bass C., Butler S. Passing Drops and Descents -- Chand P., Ollis M.A. The Buratti-Horak-Rosa Conjecture Holds for Some Underlying Sets of Size Three -- Choi S.-Y., Guan P. On the Minimum Locating Number of Graphs with a Given Order -- Cloteaux B. Graphic Approximation of Integer Sequences -- Davenport D., Fall F., Francis J., Lee T. Production Varieties of Double Riordan Arrays -- Doucette A., Suffel C.  $j$ -Multiple,  $k$ -Component Order Neighbor Connectivity -- Hoffman F., Heuss S., Low R., Wierman J. The Volume Editors will be listed in the following order in the contract -- Khodkar A., Leach D. Signed Magic Arrays with Certain Property -- Linthacum N., Martin L., McKenzie T., Overbay S., Tan L.A. Mobius Book Embeddings -- Lu S., Yerger C. The Existence of a Knight's Tour on the Surface of Rectangular Boxes -- Meissner L.H., Saccoman J.T. Strongly Regular Multigraphs -- Meyerowitz A. Tiling with Three Element Sets -- McKee T.A. Characterizing  $s$ -Strongly Chordal Graphs using 2-Paths and  $k$ -Chords -- Melles C.G., Joyner D. A Matrix Criterion for Harmonic Morphisms of Graphs with Applications to Graph Products -- Olejniczak D., Vandell R. Changing the Uniform Spectrum by Deleting Edges -- Sarvate D.G., Woldenmariam D.M., Zhang L. Group Divisible Designs with Three Groups and Block Size 4 -- Varghese S., Lakshmanan S.A., Arumugam S. Geodesic Leech Graphs -- Wang J., Fehribach J.D. Prime, Composite, and Fundamental Kirchhoff Graphs -- Wierman J.C., Oberly S.P. A New Upper Bound for the Site Percolation Threshold of the Square Lattice -- Zeleke M., Jani M. On Combinatorial Interpretations of some Elements of the Riordan Group.

---

#### Sommario/riassunto

This proceedings volume compiles selected, revised papers presented at the 53rd SouthEastern International Conference on Combinatorics, Graph Theory, and Computing (SEICCGTC 2022), which took place at Florida Atlantic University in Boca Raton, USA, from March 7th to 11th, 2022. The SEICCGTC is widely regarded as a trendsetter for other conferences worldwide. Many ideas and themes initially discussed here have subsequently been explored in other conferences and symposia. Since 1970, the conference has been held annually in Baton Rouge, Louisiana, and Boca Raton, Florida. Over the years, it has grown to become the primary annual conference in its fields, playing a crucial role in disseminating results and fostering collaborative work. This volume is tailored for the community of pure and applied mathematicians in academia, industry, and government, who work in combinatorics and graph theory, as well as related areas of computer science and the intersections among these fields.

---