

**ALGORITHMS  
OF INFORMATICS**

**Volume 3**

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# Introduction

The third volume contains seven new chapters.

Chapter 24 (*The Branch and Bound Method*) was written by Béla Vizvári (Eastern Mediterranean University), Chapter 25 (*Comparison Based Ranking*) by Antal Iványi (Eötvös Loránd University) and Shariefuddin Pirzada (University of Kashmir), Chapter 26 (*Complexity of Words*) by Zoltán Kása, (Sapientia Hungarian University of Transylvania) and Mira-Cristiana Anisiu (Tiberiu Popoviciu Institute of Numerical Mathematics), Chapter 27 (*Conflict Situations*) by Ferenc Szidarovszky (University of Arizona) and by László Domszalai (Eötvös Loránd University), Chapter 28 (*General Purpose Computing on Graphics Processing Units*) by László Szirmay-Kalos and László Szécsi (both Budapest University of Technology and Economics), Chapter 29 (*Perfect Arrays*) by Antal Iványi (Eötvös Loránd University), and Chapter 30 by Shariefuddin Pirzada (University of Kashmir), Antal Iványi (Eötvös Loránd University) and Muhammad Ali Khan (King Fahd University).

The L<sup>A</sup>T<sub>E</sub>X style file was written by Viktor Belényesi, Zoltán Csörnyei, László Domszalai and Antal Iványi. The figures were drawn or corrected by Kornél Locher and László Domszalai. Anna Iványi transformed the bibliography into hypertext. The DOCBOOK version was made by Marton 2001. Kft.

Using the data of the colophon page you can contact with any of the creators of the book. We welcome ideas for new exercises and problems, and also critical remarks or bug reports.

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# Subject Index

# Name Index

This index uses the following conventions. If we know the full name of a cited person, then we print it. If the cited person is not living, and we know the correct data, then we print also the year of her/his birth and death.

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