

# Index Matrices: Towards an Augmented Matrix Calculus

## Book Review

Krassimir Atanassov, 2014.

Index Matrices: Towards an Augmented Matrix Calculus.

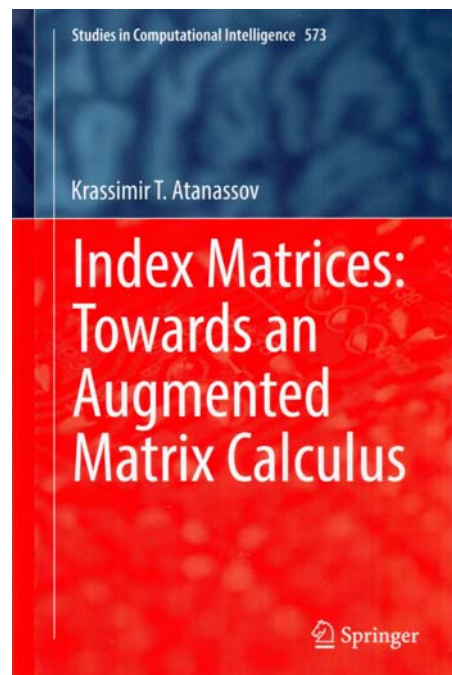
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- Presents the very concept of an index matrix and its related augmented matrix calculus in a comprehensive form
- Illustrated with examples related to the generalized nets and intuitionistic fuzzy sets
- Contains original research and basic results of index matrices and open problems



This book presents the very concept of an index matrix and its related augmented matrix calculus in a comprehensive form. It mostly illustrates the exposition with examples related to the generalized nets and intuitionistic fuzzy sets which are examples of an extremely wide array of possible application areas. The present book contains the basic results of the author over index matrices and some of its open problems with the aim to stimulating more researchers to start working in this area.

- Content Level: Research
- Keywords: Augmented Matrix Calculus • Generalized Nets • Index Matrix • Intuitionistic Fuzzy Sets • Matrix
- Related subjects: Artificial Intelligence • Computational Intelligence and Complexity