BOOK REVIEW

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Algorithm Theory-SWAT 2014
14th Scandinavian Symposium and Workshops,
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INTRODUCTION

The book **Algorithm Theory-SWAT 2014, 9783319084046 (online) 9783319084039,** DOI: 10.1007/978-3-319-08404-6 edited by **Gørtz**, Inge Li, **Ravi**, R.**,** from Springer Series *Lecture Notes in Computer Science,* collects 33 papers selected from the 134 submitted to 14th Scandinavian Symposium and Workshops, SWAT 2014, which took place in Copenhagen, Denmark, July 2-4, 2014

It is composed of 33 chapters that cover broad topics relevant to the field of design and analysis of algorithms and data structures such as approximation algorithms, parameterized algorithms, computational biology, computational geometry and topology, distributed algorithms, external-memory algorithms, exponential algorithms, graph algorithms, online algorithms, optimization algorithms, randomized algorithms, streaming algorithms, string algorithms, sublinear algorithms and algorithmic game theory.

THE REVIEW

"Algorithm Theory-SWAT 2014" constitutes the 14th Scandinavian Symposium and Workshops, SWAT 2014 held in Copenhagen, Denmark, July 2-4, 2014 Proceedings. Resulted from a selection of 33 papers performed on the 134 submitted to the Conference.

Indeed, just a very good Conference, as certainly SWAT 2014 was, could sprout a book of proceedings of this quality as "Algorithm Theory-SWAT 2014".

It should be noted that, since this text is obviously in the area of algorithm theory, the number of chapters is carefully balanced between those of methodological scope and those of applications, as can be seen in the brief description of the content presented above. In relation to the applications presented, this work is obviously not exhaustive, which would be impossible, its

choice occurred on fields of great interest at present, and it may even be said that they are fashionable.

All texts are of very great quality. Well organized, with great scientific rigor and written in good English, they attest quite eloquently to the high quality of this book contributors. It is therefore an important work not only for the quality and quantity of the knowledge available, but also for the aid to the development of schemes and methodologies of disciplined and organized work, very important in the field of algorithm theory.

It is to emphasize that "Algorithm Theory-SWAT 2014" is really an outstanding book and the work of the contributors, editors and authors, must be exalted for having raised a work with so many qualities, imperative for professionals, academics and simple practitioners who wish to be aware of the current knowledge and state-of-the-art results in algorithm theory.