

# Contents

|                                                                           |            |
|---------------------------------------------------------------------------|------------|
| <b>Structured Matrix Problems from Tensors .....</b>                      | <b>1</b>   |
| Charles F. Van Loan                                                       |            |
| <b>Matrix Structures in Queuing Models .....</b>                          | <b>65</b>  |
| Dario A. Bini                                                             |            |
| <b>Matrices with Hierarchical Low-Rank Structures .....</b>               | <b>161</b> |
| Jonas Ballani and Daniel Kressner                                         |            |
| <b>Localization in Matrix Computations: Theory and Applications .....</b> | <b>211</b> |
| Michele Benzi                                                             |            |
| <b>Groups and Symmetries in Numerical Linear Algebra .....</b>            | <b>319</b> |
| Hans Z. Munthe-Kaas                                                       |            |

Exploiting Hidden Structure in Matrix Computations:  
Algorithms and Applications

Cetraro, Italy 2015

Benzi, M.; Bini, D.; Kressner, D.; Munthe-Kaas, H.; Van  
Loan, C. - Benzi, M.; Simoncini, V. (Eds.)

2016, IX, 406 p. 57 illus., 46 illus. in color., Softcover

ISBN: 978-3-319-49886-7