

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910456515703321 |
| Titolo | The future of computing performance [[electronic resource]] : game over or next level? // Samuel H. Fuller and Lynette I. Millett, editors. ; Committee on Sustaining Growth in Computing Performance, Computer Science and Technology Board, Division on Engineering and Physical Science, National Research Council of the National Academies |
| Pubbl/distr/stampa | Washington, D.C., : National Academies Press, c2011 |
| ISBN | 1-283-08152-0 9786613081520 0-309-15952-0 |
| Descrizione fisica | 1 online resource (201 p.) |
| Altri autori (Persone) | FullerSamuel H. <1946-> MillettLynette I |
| Disciplina | 004.24 |
| Soggetti | Electronic digital computers - Evaluation Multiprocessors Technological innovations - Forecasting Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | ""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Abstract""; ""Summary""; ""1 The Need for Continued Performance Growth""; ""2 What Is Computer Performance?""; ""3 Power Is Now Limiting Growth in Computing Performance""; ""4 The End of Programming as We Know It""; ""5 Research, Practice, and Education to Meet Tomorrow's Performance Needs""; ""Appendixes""; ""Appendix A: A History of Computer Performance""; ""Appendix B: Biographies of Committee Members and Staff"" ""Appendix C: Reprint of Gordon E. Moore's Cramming More Components onto Integrated Circuits?""""Appendix D: Reprint of Robert H. Dennard's Design of Ion-Implanted MOSFET's with Very Small Physical Dimensions"" |

