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| 1. Record Nr. | UNISOBE600200013390 |
| Autore | Fourier, Charles |
| Titolo | Teoria dei Quattro Movimenti - Il Nuovo Mondo Amoroso : e altri scritti sul lavoro, l'educazione, l'architettura nella società d'Armonia / Charles Fourier ; scelta e introduzione Italo Calvino ; trad Enrica Basevi |
| Pubbl/distr/stampa | Torino, : Einaudi, 1971 |
| Descrizione fisica | XXXVII,410 p. : ill. ; 18 cm |
| Collana | Nuova universale Einaudi ; 119 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| 2. Record Nr. | UNINA9910162798403321 |
| Autore | MacLean Lisa M. |
| Titolo | Cracking the code : how to get women and minorities into STEM disciplines and why we must / / Lisa M. MacLean |
| Pubbl/distr/stampa | New York, NY : , : Momentum Press, Engineering, , [2017]
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| ISBN | 1-945612-21-5 |
| Descrizione fisica | 1 online resource (viii, 91 pages) |
| Collana | General Engineering and K-12 Engineering Education Collection |
| Disciplina | 507.1073 |
| Soggetti | Science - Study and teaching - United States
Technology - Study and teaching - United States
Engineering - Study and teaching - United States
Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | 1. The breadth of the problem -- 1.1 The face of computer science --
1.2 How underrepresented populations are created -- 1.3 Conclusion |

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2. The depth of the problem -- 2.1 Annotated bibliography --
3. Proposed solutions -- 3.1 Socialization at a young age -- 3.2
Socialization in college -- 3.3 Socialization in general -- 3.4 Cultivate
interest -- 3.5 Work environment for women -- 3.6 Familial support --
3.7 Financial barriers -- 3.8 Classwork and teaching methods -- 3.9
College culture and policies -- 3.10 Faculty -- 3.11 Research -- 3.12
Internships and cooperative education -- 3.13 Mentoring -- 3.14
Tutoring -- 3.15 Social opportunities -- 3.16 Outreach to K-12
teachers -- 3.17 Outreach to community colleges -- 3.18 Outreach to
nontraditional students -- 3.19 STEM high schools for URPs and REMs
-- 3.20 Bias -- 3.21 Dual enrollment programs -- 3.22 Further
recommendations -- 3.23 Conclusion --
4. Application -- 4.1 Proposed solutions to the problem of
underrepresented populations in STEM -- 4.2 Conclusion -- References
-- Index.

Sommario/riassunto

This book will examine the problem of underrepresented populations (URPs) in the so-called "STEM" fields: Science, Technology, Engineering, and Mathematics. Who are these underrepresented populations? What creates them? And finally, why should there be concern about URPs in STEM? It will be shown that there is a crisis of a dearth of women, especially minority women, in STEM. This problem is especially acute in Computer Science. It will be shown what has combined to create the perfect storm of impending economic stagnation, impoverished populations, diminished innovation, and lack of interest in choosing these fields. Some solutions to the factors contributing to this problem will be proposed in order to correct this social injustice, and stave off losing America's status as one of the leaders in technological innovation and economic opportunity.
