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Agriculture as a Metaphor for Creativity in All Human Endeavors / / edited by Robert S. Anderssen, Philip Broadbridge, Yasuhide Fukumoto, Kenji Kajiwara, Matthew Simpson, Ian Turner
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Applied mathematics
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Agriculture Mathematical and Computational Engineering
Mathematical Modeling and Industrial Mathematics
Mathematical and Computational Biology
Math. Appl. in Environmental Science
Inglese
Materiale a stampa
Monografia
This book is a collection of papers presented at the 'Forum "Math-for- Industry" 2016 ' (FMfl2016), held at Queensland University of Technology, Brisbane, Australia, on November 21–23, 2016. The theme for this unique and important event was "Agriculture as a Metaphor for Creativity in All Human Endeavors", and it brought together leading international mathematicians and active researchers from universities and industry to discuss current challenging topics and to promote interactive collaborations between mathematics and industry. The success of agricultural practice relies fundamentally on its interconnections with and dependence on biology and the environment. Both play essential roles, including the biological adaption to cope with

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environmental challenges of biotic and abiotic stress and global warming. The book highlights the development of mathematics within
this framework that successful agricultural practice depends upon and exploits.