1. Record Nr. UNINA9910787140703321

Autore	Peppler Kylie A.
Titolo	Script changers : digital storytelling with Scratch / / Kylie Peppler, Rafi Santo, Melissa Gresalfi, and Katie Salen Tekinbas
Pubbl/distr/stampa	Cambridge, Massachusetts : , : The MIT Press, , [2014] ©2014
ISBN	0-262-31998-5
Descrizione fisica	1 online resource (351 p.)
Collana	The John D. and Catherine T. Macarthur Foundation series on digital media and learning Interconnections : understanding systems through digital design
Disciplina	371.33/4
Soggetti	Interactive multimedia Digital storytelling Education - Data processing
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 and index.
Nota di contenuto	Introduction and Tools for the Advanced Design ChallengesDesign Challenge 4 : Out of Control: Reinforcing Feedback; Design Challenge 5 : Out of Balance: Balancing Feedback and Leverage Points; Design Challenge 6 : Make a Change! Leverage Points and Unintended Consequences; Delving Deeper Into Systems Thinking; Appendix A : Glossary of Key Terms; Appendix B : Additional Resources; Appendix C : Script Changers Assessment; Appendix D : Systems Thinking Concept Cards; Appendix E : Script Changers Challenge Cards; References; Index
Sommario/riassunto	Helping students create interactive and animated stories about positive change in their communities.

2. Record Nr. UNINA9910299994403321

Autore	Capatina Anca
Titolo	Variational Inequalities and Frictional Contact Problems / / by Anca Capatina
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-10163-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (242 p.)
Collana	Advances in Mechanics and Mathematics, , 1571-8689 ; ; 31
Disciplina	515.64
Soggetti	Manifolds (Mathematics) Complex manifolds Geometry, Differential Applied mathematics Engineering mathematics Manifolds and Cell Complexes (incl. Diff.Topology) Differential Geometry Mathematical and Computational Engineering
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 and index.
Nota di contenuto	Introduction -- Part I: Preliminaries -- Spaces of Real-valued Functions -- Spaces of Vector-valued Functions -- Part II: Variational Inequalities -- Existence and Uniqueness Results -- Some Properties of Solutions -- Dual Formulations -- Approximations of Variational Inequalities -- Part III: Contact Problems with Friction in Elasticity -- Static Problems -- Quasistatic Problems.
Sommario/riassunto	Variational Inequalities and Frictional Contact Problems contains a carefully selected collection of results on elliptic and evolutionary quasi-variational inequalities including existence, uniqueness, regularity, dual formulations, numerical approximations and error estimates ones. By using a wide range of methods and arguments, the results are presented in a constructive way, with clarity and well justified proofs. This approach makes the subjects accessible to mathematicians and applied mathematicians. Moreover, this part of the book can be used as an excellent background for the investigation of

more general classes of variational inequalities. The abstract variational inequalities considered in this book cover the variational formulations of many static and quasi-static contact problems. Based on these abstract results, in the last part of the book, certain static and quasi-static frictional contact problems in elasticity are studied in an almost exhaustive way. The readers will find a systematic and unified exposition on classical, variational and dual formulations, existence, uniqueness and regularity results, finite element approximations and related optimal control problems. This part of the book is an update of the Signorini problem with nonlocal Coulomb friction, a problem little studied and with few results in the literature. Also, in the quasi-static case, a control problem governed by a bilateral contact problem is studied. Despite the theoretical nature of the presented results, the book provides a background for the numerical analysis of contact problems. The materials presented are accessible to both graduate/under graduate students and to researchers in applied mathematics, mechanics, and engineering. The obtained results have numerous applications in mechanics, engineering and geophysics. The book contains a good amount of original results which, in this unified form, cannot be found anywhere else.