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Autore	Palacios-Huerta Ignacio
Titolo	Beautiful game theory : how soccer can help economics // Ignacio Palacios-Huerta
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Nota di contenuto	Front matter -- CONTENTS -- INTRODUCTION -- FIRST HALF -- 1. Pelé Meets John von Neumann in the Penalty Area -- 2. Vernon Smith Meets Messi in the Laboratory -- 3. Lessons for Experimental Design -- 4. Mapping Minimax in the Brain -- 5. Psychological Pressure on the Field and Elsewhere -- HALFTIME -- 6. Scoring at Halftime -- SECOND HALF -- 7. Favoritism under Social Pressure -- 8. Making the Beautiful Game a Bit Less Beautiful 124 (with Luis Garicano) -- 9. Fear Pitch -- 10. From Argentina without Emotions -- 11. Discrimination: From the Makana Football Association to Europe -- ACKNOWLEDGMENTS -- REFERENCES -- INDEX
Sommario/riassunto	A wealth of research in recent decades has seen the economic approach to human behavior extended over many areas previously considered to belong to sociology, political science, law, and other fields. Research has also shown that economics can provide insight into many aspects of sports, including soccer. Beautiful Game Theory is the first book that uses soccer to test economic theories and document novel human behavior. In this brilliant and entertaining book, Ignacio Palacios-Huerta illuminates economics through the world's most popular sport.

He offers unique and often startling insights into game theory and microeconomics, covering topics such as mixed strategies, discrimination, incentives, and human preferences. He also looks at finance, experimental economics, behavioral economics, and neuroeconomics. Soccer provides rich data sets and environments that shed light on universal economic principles in interesting and useful ways. Essential reading for students, researchers, and sports enthusiasts, Beautiful Game Theory is the first book to show what soccer can do for economics.

2. Record Nr.	UNINA9910817701103321
Autore	Kelly James M
Titolo	Mechanics of rubber bearings for seismic and vibration isolation // James M. Kelly, Dimitrios A. Konstantinidis
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Altri autori (Persone)	KonstantinidisDimitrios
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Nota di contenuto	Mechanics of Rubber Bearings for Seismic and Vibration Isolation;

Contents; About the Authors; Preface; 1 History of Multilayer Rubber Bearings; 2 Behavior of Multilayer Rubber Bearings under Compression; 2.1 Introduction; 2.2 Pure Compression of Bearing Pads with Incompressible Rubber; 2.2.1 Infinite Strip Pad; 2.2.2 Circular Pad; 2.2.3 Rectangular Pad (with Transition to Square or Strip); 2.2.4 Annular Pad; 2.3 Shear Stresses Produced by Compression; 2.4 Pure Compression of Single Pads with Compressible Rubber; 2.4.1 Infinite Strip Pad; 2.4.2 Circular Pad; 2.4.3 Rectangular Pad 2.4.4 Annular Pad 3 Behavior of Multilayer Rubber Bearings under Bending; 3.1 Bending Stiffness of Single Pad with Incompressible Rubber; 3.1.1 Infinite Strip Pad; 3.1.2 Circular Pad; 3.1.3 Rectangular Pad; 3.1.4 Annular Pad; 3.2 Bending Stiffness of Single Pads with Compressible Rubber; 3.2.1 Infinite Strip Pad; 3.2.2 Circular Pad; 3.2.3 Rectangular Pad; 3.2.4 Annular Pad; 4 Steel Stress in Multilayer Rubber Bearings under Compression and Bending; 4.1 Review of the Compression and Bending of a Pad; 4.2 Steel Stresses in Circular Bearings with Incompressible Rubber 4.2.1 Stress Function Solution for Pure Compression 4.2.2 Stress Function Solution for Pure Bending; 4.3 Steel Stresses in Circular Bearings with Compressible Rubber; 4.3.1 Stress Function Solution for Pure Compression; 4.3.2 Stress Function Solution for Pure Bending; 4.4 Yielding of Steel Shims under Compression; 4.4.1 Yielding of Steel Shims for the Case of Incompressible Rubber; 4.4.2 Yielding of Steel Shims for the Case of Compressible Rubber; 5 Buckling Behavior of Multilayer Rubber Isolators; 5.1 Stability Analysis of Bearings; 5.2 Stability Analysis of Annular Bearings 5.3 Influence of Vertical Load on Horizontal Stiffness 5.4 Downward Displacement of the Top of a Bearing; 5.5 A Simple Mechanical Model for Bearing Buckling; 5.5.1 Postbuckling Behavior; 5.5.2 Influence of Compressive Load on Bearing Damping Properties; 5.6 Rollout Stability; 5.7 Effect of Rubber Compressibility on Buckling; 6 Buckling of Multilayer Rubber Isolators in Tension; 6.1 Introduction; 6.2 Influence of a Tensile Vertical Load on the Horizontal Stiffness; 6.3 Vertical Displacement under Lateral Load; 6.4 Numerical Modeling of Buckling in Tension; 6.4.1 Modelling Details 6.4.2 Critical Buckling Load in Compression and Tension 7 Influence of Plate Flexibility on the Buckling Load of Multilayer Rubber Isolators; 7.1 Introduction; 7.2 Shearing Deformations of Short Beams; 7.3 Buckling of Short Beams with Warping Included; 7.4 Buckling Analysis for Bearing; 7.5 Computation of Buckling Loads; 8 Frictional Restraint on Unbonded Rubber Pads; 8.1 Introduction; 8.2 Compression of Long Strip Pad with Frictional Restraint; 8.3 The Effect of Surface Slip on the Vertical Stiffness of an Infinite Strip Pad 8.4 The Effect of Surface Slip on the Vertical Stiffness of a Circular Pad

Sommario/riassunto

"Mechanics of Rubber Bearings for Seismic and Vibration Isolation collates in a compact form all of the information on the mechanics of the increasingly important technology of multi-layer rubber bearings. It explores a unique & comprehensive combination of relevant topics, covering all prerequisite fundamental theory and providing a number of closed form solutions to various boundary value problems as well as a comprehensive historical overview on the use of this technique. The authors progress logically through increasingly complex analyses; many of the results presented are new and are needed for a proper understanding of these bearings and for the design and analysis of vibration isolation or seismic isolation systems. The advantages afforded by adopting these natural rubber systems"otheir cost effectiveness, simplicity, and reliability"is clearly explained to designers and users of this emerging technology, bringing into focus the design

and specification of bearings for buildings, bridges and industrial structures"--

"Mechanics of Rubber Bearings collates in a compact form all of the information on the mechanics of the increasingly important technology of multi-layer rubber bearings"--
