

1. Record Nr.	UNINA9910780977803321
Autore	Goff John Eric <1970->
Titolo	Gold medal physics [[electronic resource]] : the science of sports / / John Eric Goff
Pubbl/distr/stampa	Baltimore, Md., : Johns Hopkins University Press, c2010
ISBN	0-8018-9793-9
Descrizione fisica	1 online resource (229 p.)
Classificazione	33.93
Disciplina	796.0153
Soggetti	Sports sciences Force and energy Physics
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 (p. 207-209) and index.
Nota di contenuto	""Contents""; ""Preface""; ""1 The Pre-Game Show""; ""2 It's Not Over Until the Trombone Player Goes Down: Vectors and How to Think Like a Physicist""; ""3 All Hail Flutie: Gravity and Projectiles""; ""4 Vive le Lance: Simplifying the Complicated""; ""5 A Leap into the Unknown: More Projectiles and Angular Momentum""; ""6 Amazing Spins in and around All Kinds of Water: Rotations in Water Sports""; ""7 Soccer Kicks Gone Bananas: Off-Center Kicking and the Magnus Force""; ""8 Four Olympics and Four Straight Gold Medals: Centripetal Motion and Lift""; ""9 It Takes More Than a Big Gut: Caloric Consumption and Linear Momentum""; ""10 The Post-Game Show""; ""Further Reading""; ""Index""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""K""; ""L""; ""M""; ""N""; ""O""; ""P""; ""Q""; ""R""; ""S""; ""T""; ""U""; ""V""; ""W""
Sommario/riassunto	Nothing is quite as thrilling as watching superior athletes do the seemingly impossible and wonder, "How did they do that?" Learn the basic physics behind the athletic endeavors of the sporting events you watch.