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Autore	Bloom Joshua S. <1974->
Titolo	What are gamma-ray bursts? [[electronic resource] /] / Joshua S. Bloom
Pubbl/distr/stampa	Princeton, : Princeton University Press, c2011
ISBN	1-4008-3700-6 9786613001283 1-283-00128-4
Edizione	[Course Book]
Descrizione fisica	1 online resource (271 p.)
Collana	Princeton frontiers in physics
Classificazione	US 1670
Disciplina	523.01/97222
Soggetti	Gamma ray bursts Stars - Formation
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	Frontmatter -- CONTENTS -- Preface -- 1 Introduction -- 2. Into the Belly of the Beast -- 3. Afterglows -- 4. The Events in Context -- 5. The Progenitors of Gamma-Ray Bursts -- 6. Gamma-Ray Bursts as Probes of the Universe -- NOTES -- Suggestions for Further Reading -- Glossary -- Index
Sommario/riassunto	Gamma-ray bursts are the brightest--and, until recently, among the least understood--cosmic events in the universe. Discovered by chance during the cold war, these evanescent high-energy explosions confounded astronomers for decades. But a rapid series of startling breakthroughs beginning in 1997 revealed that the majority of gamma-ray bursts are caused by the explosions of young and massive stars in the vast star-forming cauldrons of distant galaxies. New findings also point to very different origins for some events, serving to complicate but enrich our understanding of the exotic and violent universe. What Are Gamma-Ray Bursts? is a succinct introduction to this fast-growing subject, written by an astrophysicist who is at the forefront of today's research into these incredible cosmic phenomena. Joshua Bloom gives readers a concise and accessible overview of gamma-ray bursts and the theoretical framework that physicists have developed to make sense of complex observations across the electromagnetic spectrum. He traces the history of remarkable discoveries that led to our current

understanding of gamma-ray bursts, and reveals the decisive role these phenomena could play in the grand pursuits of twenty-first century astrophysics, from studying gravity waves and unveiling the growth of stars and galaxies after the big bang to surmising the ultimate fate of the universe itself. *What Are Gamma-Ray Bursts?* is an essential primer to this exciting frontier of scientific inquiry, and a must-read for anyone seeking to keep pace with cutting-edge developments in physics today.

2. Record Nr.	UNINA9910797686403321
Autore	Prado Fabricio Pereira
Titolo	Edge of empire : Atlantic networks and revolution in Bourbon Rio de la Plata // Fabricio Prado
Pubbl/distr/stampa	Oakland, California : , : University of California Press, , 2015 ©2015
ISBN	0-520-96073-4
Descrizione fisica	1 online resource (260 p.)
Disciplina	382.09895
Soggetti	HISTORY / Latin America / South America Rio de la Plata Region (Argentina and Uruguay) Economic conditions 18th century Rio de la Plata Region (Argentina and Uruguay) History 18th century
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	Front matter -- Contents -- Illustrations and Tables -- Acknowledgments -- Introduction -- 1. A Portuguese Town in Río de la Plata -- 2. Departing without Leaving: Luso-Brazilians under the Viceroyalty -- 3. Transimperial Cooperation: Commerce and War in the South Atlantic -- 4. The Making of Montevideo: Contraband, Reforms, and Authority -- 5. Changing Toponymy and the Emergence of the Banda Oriental -- 6. Traversing Empires: The Atlantic Life of Don Manuel Cipriano de Melo -- 7. Postponing the Revolution -- Conclusion -- Notes -- Archive Abbreviations -- Bibliography -- Index

Sommario/riassunto

In the first decades of the 1800's, after almost three centuries of Iberian rule, former Spanish territories fragmented into more than a dozen new polities. *Edge of Empire* analyzes the emergence of Montevideo as a hot spot of Atlantic trade and regional center of power, often opposing Buenos Aires. By focusing on commercial and social networks in the Rio de la Plata region, the book examines how Montevideo merchant elites used transimperial connections to expand their influence and how their trade offered crucial support to Montevideo's autonomist projects. These transimperial networks offered different political, social, and economic options to local societies and shaped the politics that emerged in the region, including the formation of Uruguay. Connecting South America to the broader Atlantic World, this book provides an excellent case study for examining the significance of cross-border interactions in shaping independence processes and political identities.
