

1. Record Nr.	UNINA9910460124703321
Titolo	Cinephemera : archives, ephemeral cinema, and new screen histories in Canada // edited by Zoe Druick and Gerda Cammaer
Pubbl/distr/stampa	Montreal, Quebec : , : McGill-Queen's University Press, , 2014 ©2014
ISBN	0-7735-9675-5
Descrizione fisica	1 online resource (412 p.)
Disciplina	791.430971
Soggetti	Motion pictures - Canada - History Motion pictures - Canada - Archival resources Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: Canadian Cinema, Ephemeral Cinema / Zoe Druick and Gerda Cammaer -- 1 Early Quebec Actualities and the Ephemeral Meaning of Moving Images in the Transitional Era / Louis Pelletier -- 2 Canada's Lost Frontier Epic: The Stillborn Saga of Policing the Plains / Peter Lester -- 3 Uncovering Canada's Amateur Film Tradition: Leslie Thatcher's Films and Contexts / Charles Teppeman -- 4 "Mental Prophylaxis": Crawley Films, McGraw-Hill Educational Films, and Orphan Cinema / Scott MacKenzie -- 5 A Thrill Every Minute!": Travel-Adventure Film Lectures in the Post-War Era / Liz Czach -- 6 "Versions, Revisions, and Adaptations": Film Production in Two Languages at the National Film Board / Christine York -- 7 Breaking New Ground: Canada's First Found-Footage Films / Willima C. Wees -- 8 Unfinished Films and Posthumous Cinema: Charles Gagnon's R69 and Joyce Wieland's Wendy and Joyce / Monika Kin Gagnon -- 9 Tiger Child: IMAX and Donald Brittain Times Nine / Seth Feldman -- 10 Ephemeral Godard: Video, History, and Quebec / Jerry White -- 11 Out Here: Feeling Bad, Feeling Gay in Michel Audy's Luc ou la part des choses and Crever a vingt ans / Micky Storey and Jason B. Crawford -- 12 Against Ephemerality: The CBC's Archival Turn, 1989-96 / Jennifer VanderBurgh -- 13 Seeing Then, Hearing Now: Audiovisual Counterpoint at the Intersection of Dual Production Contexts in Larry

Kent's Hastings Street / Randolph Jordan -- 14 Preserving Ephemeral Aboriginal Films and Videos: The Archival Practices of Vtape and ISUMATV / Katherine Quanz -- 15 Preserving/Burning: Karl Lemieux's Film Performances / Andre Habib -- 16 Films Collecting Dust and Dusty Film Collages: Ephemerality at Work / Gerda Cammaer -- 17 Sampling Heritage: The NFB's Digital Archive / Zoe Druick -- 18 Memory, Magnetic Tape, and Death by Popcorn: The Tragedy of the Winnipeg Jets / Andrew Burke.

2. Record Nr.	UNISA996466799703316
Autore	Paetz gen. Schieck Hans
Titolo	Nuclear Physics with Polarized Particles [[electronic resource] /] / by Hans Paetz gen. Schieck
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
ISBN	3-642-24226-X
Edizione	[1st ed. 2012.]
Descrizione fisica	1 online resource (XV, 182 p. 68 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 842
Disciplina	539.7092
Soggetti	Nuclear physics Heavy ions Physical measurements Measurement Quantum physics Nuclear Physics, Heavy Ions, Hadrons Measurement Science and Instrumentation Quantum Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Dedication -- Preface -- Introduction -- Spin States and Spin Polarization -- Density Operator, Density Matrix -- Rotations, Angular Dependence of the Tensor Moments -- Description of Nuclear Reactions of Particles With Spin -- Partial Wave Expansion -- Charged-particle Versus Neutron-induced Reactions -- Sources and Targets of Polarized H and D Ions -- Polarization by Optical Pumping --

Production of Polarization by Other Methods -- Measurement of Polarization Observables -- Polarimetry -- Medical Applications -- "Polarized" Fusion -- Outlook -- List of References -- Index.

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## Sommario/riassunto

The measurement of spin-polarization observables in reactions of nuclei and particles is of great utility and advantage when the effects of single-spin sub-states are to be investigated. Indeed, the unpolarized differential cross-section encompasses the averaging over the spin states of the particles, and thus loses details of the interaction process. This introductory text combines, in a single volume, course-based lecture notes on spin physics and on polarized-ion sources with the aim of providing a concise yet self-contained starting point for newcomers to the field, as well as for lecturers in search of suitable material for their courses and seminars. A significant part of the book is devoted to introducing the formal theory—a description of polarization and of nuclear reactions with polarized particles. The remainder of the text describes the physical basis of methods and devices necessary to perform experiments with polarized particles and to measure polarization and polarization effects in nuclear reactions. The book concludes with a brief review of modern applications in medicine and fusion energy research. For reasons of conciseness and of the pedagogical aims of this volume, examples are mainly taken from low-energy installations such as tandem Van de Graaff laboratories, although the emphasis of present research is shifting to medium- and high-energy nuclear physics. Consequently, this volume is restricted to describing non-relativistic processes and focuses on the energy range from astrophysical energies (a few keV) to tens of MeV. It is further restricted to polarimetry of hadronic particles.

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