

1. Record Nr.	UNINA9910452761403321
Titolo	Arctic shorebirds in North America [[electronic resource]] : a decade of monitoring // Jonathan Bart and Victoria Johnston, editors
Pubbl/distr/stampa	Berkeley, : University of California Press, 2012
ISBN	1-282-13418-3 9786613806765 0-520-95349-5
Descrizione fisica	1 online resource (317 p.)
Collana	Studies in avian biology ; ; no. 44
Altri autori (Persone)	BartJonathan JohnstonVictoria Helen <1962->
Disciplina	598.3/309719
Soggetti	Shore birds - Canada, Northern Shore birds - Alaska Bird surveys - Canada, Northern Bird surveys - Alaska Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A publication of the Cooper Ornithological Society."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Introduction -- pt. 2. Regional aspects -- pt. 3. Methodology -- pt. 4. Synthesis.
Sommario/riassunto	Each year shorebirds from North and South America migrate thousands of miles to spend the summer in the Arctic. There they feed in shoreline marshes and estuaries along some of the most productive and pristine coasts anywhere. With so much available food they are able to reproduce almost explosively; and as winter approaches, they retreat south along with their offspring, to return to the Arctic the following spring. This remarkable pattern of movement and activity has been the object of intensive study by an international team of ornithologists who have spent a decade counting, surveying, and observing these shorebirds. In this important synthetic work, they address multiple questions about these migratory bird populations. How many birds occupy Arctic ecosystems each summer? How long do visiting shorebirds linger before heading south? How fecund are these birds? Where exactly do they migrate and where exactly do they return? Are

their populations growing or shrinking? The results of this study are crucial for better understanding how environmental policies will influence Arctic habitats as well as the far-ranging winter habitats used by migratory shorebirds.

2. Record Nr.	UNINA9910779480503321
Autore	Sofonea Mircea
Titolo	Mathematical models in contact mechanics // M. Sofonea, A. Matei [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2012
ISBN	1-139-88985-0 1-139-57982-7 1-139-10416-0 1-139-57367-5 1-139-57125-7 1-139-57300-4 1-139-56944-9 1-283-63880-0 1-139-57034-X
Descrizione fisica	1 online resource (xiv, 280 pages) : digital, PDF file(s)
Collana	London Mathematical Society lecture note series ; ; 398
Classificazione	SCI085000
Disciplina	620.1/05
Soggetti	Contact mechanics - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preliminaries on functional analysis -- Elliptic variational inequalities -- History-dependent variational inequalities -- Modelling of contact problems -- Analysis of elastic contact problems -- Analysis of elastic-visco plastic contact problems -- Analysis of piezoelectric contact problems.
Sommario/riassunto	This text provides a complete introduction to the theory of variational inequalities with emphasis on contact mechanics. It covers existence, uniqueness and convergence results for variational inequalities, including the modelling and variational analysis of specific frictional

contact problems with elastic, viscoelastic and viscoplastic materials. New models of contact are presented, including contact of piezoelectric materials. Particular attention is paid to the study of history-dependent quasivariational inequalities and to their applications in the study of contact problems with unilateral constraints. The book fully illustrates the cross-fertilisation between modelling and applications on the one hand and nonlinear mathematical analysis on the other. Indeed, the reader will gain an understanding of how new and nonstandard models in contact mechanics lead to new types of variational inequalities and, conversely, how abstract results concerning variational inequalities can be applied to prove the unique solvability of the corresponding contact problems.
