

1.	Record Nr.	UNINA990005044770403321
	Autore	Press, John
	Titolo	Andrew Marvell / by John Press
	Pubbl/distr/stampa	London : Longmans, Green, 1958
	Descrizione fisica	42 p., [1] tav. ; 22 cm
	Collana	Writers and their work ; 98
	Localione	FLFBC
	Collocazione	ALPHA 4810
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNISA996466492403316
	Autore	Etheridge Alison
	Titolo	Some Mathematical Models from Population Genetics [[electronic resource]] : École d'Été de Probabilités de Saint-Flour XXXIX-2009 / / by Alison Etheridge
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011
	ISBN	3-642-16632-6
	Edizione	[1st ed. 2011.]
	Descrizione fisica	1 online resource (VIII, 119 p. 15 illus.)
	Collana	École d'Été de Probabilités de Saint-Flour, , 0721-5363 ; ; 2012
	Disciplina	576.58015118
	Soggetti	Biomathematics Mathematical models Partial differential equations Statistics Genetics and Population Dynamics Mathematical and Computational Biology Mathematical Modeling and Industrial Mathematics Partial Differential Equations Statistics for Life Sciences, Medicine, Health Sciences
	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.
Sommario/riassunto	This work reflects sixteen hours of lectures delivered by the author at the 2009 St Flour summer school in probability. It provides a rapid introduction to a range of mathematical models that have their origins in theoretical population genetics. The models fall into two classes: forwards in time models for the evolution of frequencies of different genetic types in a population; and backwards in time (coalescent) models that trace out the genealogical relationships between individuals in a sample from the population. Some, like the classical Wright-Fisher model, date right back to the origins of the subject. Others, like the multiple merger coalescents or the spatial Lambda-Fleming-Viot process are much more recent. All share a rich mathematical structure. Biological terms are explained, the models are carefully motivated and tools for their study are presented systematically.