

1. Record Nr.	UNISA996386889503316
Autore	Torriano Giovanni
Titolo	Della lingua Toscana-Romana, or, An introduction to the Italian tongue [[electronic resource]] : containing such grounds as are most immediately useful, and necessary for the speedy and easie attaining of the same : as also a new store house of proper and choice dialogues most useful for such as desire the speaking part, and intend to travel into Italy, or the Levant : together with the modern way of addressing letters and stiling of persons as well in actual discourse, as in writing / / by Gio. Torriano .
Pubbl/distr/stampa	London, : Printed for J. Martin and J. Allestrye ..., 1657
Descrizione fisica	2 pts. ([16], 293 [i.e. 295], [8]; [4], 248 [i.e. 252] p.)
Soggetti	Italian language
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Imperfect: pt. 2, "Choyce Italian dialogues ...", 1657, is lacking in filmed copy. Reproduction of original in Cambridge University Library.
Sommario/riassunto	eebo-0021

2. Record Nr.	UNINA9910830276503321
Autore	Gittins John C. <1938->
Titolo	Multi-armed bandit allocation indices [[electronic resource] /] / John Gittins, Kevin Glazebrook, Richard Weber
Pubbl/distr/stampa	Chichester, : Wiley, 2011
ISBN	1-283-37409-9 9786613374097 0-470-98004-4 0-470-98003-6
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (311 p.)
Altri autori (Persone)	GlazebrookKevin D. <1950-> WeberRichard <1953->
Disciplina	519.5 519.8
Soggetti	Resource allocation - Mathematical models Mathematical optimization Programming (Mathematics)
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	Multi-armed Bandit Allocation Indices; Contents; Foreword; Foreword to the first edition; Preface; Preface to the first edition; 1 Introduction or exploration; Exercises; 2 Main ideas: Gittins index; 2.1 Introduction; 2.2 Decision processes; 2.3 Simple families of alternative bandit processes; 2.4 Dynamic programming; 2.5 Gittins index theorem; 2.6 Gittins index; 2.6.1 Gittins index and the multi-armed bandit; 2.6.2 Coins problem; 2.6.3 Characterization of the optimal stopping time; 2.6.4 The restart-in-state formulation; 2.6.5 Dependence on discount factor 2.6.6 Myopic and forwards induction policies2.7 Proof of the index theorem by interchanging bandit portions; 2.8 Continuous-time bandit processes; 2.9 Proof of the index theorem by induction and interchange argument; 2.10 Calculation of Gittins indices; 2.11 Monotonicity conditions; 2.11.1 Monotone indices; 2.11.2 Monotone jobs; 2.12 History of the index theorem; 2.13 Some decision process theory; Exercises; 3 Necessary assumptions for indices; 3.1 Introduction; 3.2

Jobs; 3.3 Continuous-time jobs; 3.3.1 Definition; 3.3.2 Policies for continuous-time jobs
 3.3.3 The continuous-time index theorem for a SFABP of jobs
 Necessary assumptions; 3.4.1 Necessity of an infinite time horizon;
 3.4.2 Necessity of constant exponential discounting; 3.4.3 Necessity of a single processor; 3.5 Beyond the necessary assumptions; 3.5.1 Bandit-dependent discount factors; 3.5.2 Stochastic discounting; 3.5.3 Undiscounted rewards; 3.5.4 A discrete search problem; 3.5.5 Multiple processors; Exercises; 4 Superprocesses, precedence constraints and arrivals; 4.1 Introduction; 4.2 Bandit superprocesses; 4.3 The index theorem for superprocesses
 4.4 Stoppable bandit processes
 4.5 Proof of the index theorem by freezing and promotion rules; 4.5.1 Freezing rules; 4.5.2 Promotion rules; 4.6 The index theorem for jobs with precedence constraints; 4.7 Precedence constraints forming an out-forest; 4.8 Bandit processes with arrivals; 4.9 Tax problems; 4.9.1 Ongoing bandits and tax problems; 4.9.2 Klimov's model; 4.9.3 Minimum EWFT for the M/G/1 queue; 4.10 Near optimality of nearly index policies; Exercises; 5 The achievable region methodology; 5.1 Introduction; 5.2 A simple example; 5.3 Proof of the index theorem by greedy algorithm
 5.4 Generalized conservation laws and indexable systems
 5.5 Performance bounds for policies for branching bandits; 5.6 Job selection and scheduling problems; 5.7 Multi-armed bandits on parallel machines; Exercises; 6 Restless bandits and Lagrangian relaxation; 6.1 Introduction; 6.2 Restless bandits; 6.3 Whittle indices for restless bandits; 6.4 Asymptotic optimality; 6.5 Monotone policies and simple proofs of indexability; 6.6 Applications to multi-class queueing systems; 6.7 Performance bounds for the Whittle index policy; 6.8 Indices for more general resource configurations; Exercises
 7 Multi-population random sampling (theory)

Sommario/riassunto

In 1989 the first edition of this book set out Gittins' pioneering index solution to the multi-armed bandit problem and his subsequent investigation of a wide of sequential resource allocation and stochastic scheduling problems. Since then there has been a remarkable flowering of new insights, generalizations and applications, to which Glazebrook and Weber have made major contributions. This second edition brings the story up to date. There are new chapters on the achievable region approach to stochastic optimization problems, the construction of performance bounds for suboptimal policies, W