1. Record Nr. UNINA9910460561103321 Autore Kim Gunhwan Titolo Analysis of Auctions for Service Allocation [[electronic resource]] Minneapolis, : Publish Green, 2015 Pubbl/distr/stampa **ISBN** 1-63413-382-X Edizione [1st ed.] Descrizione fisica 1 online resource (81 p.) Disciplina 381.457 Soggetti Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Cover Page; 1 Preface-Introduction; 2 Literature Review; 2.1 From Buyers' Perspective; 2.2 From Sellers' Perspective; 2.3 Auctions and Optimal Auctions; 2.4 Mechanism Design Perspective; 2.5 Random Sampling Optimal Price Auction; 2.6 Applications-I; 2.7 Dynamic Models; 2.8 Applications-II; 2.9 Applications-III; 3 Description for Our New Model: 4 Service Request Distribution in the Auction System: 4.1 Steady State Probability Distribution; 4.2 Probability of Departure After Service Completion: 5 Numerous Resource Allocation Systems: 5.1 Closed Bidder Group; 5.2 Open Bidder Group 5.3 Concurrent Bids across the Auction Systems6 Expected Income of Multiple Service Slot Auction; 6.1 PDF of the i-th Highest Bid; 6.1.1 Expected Bid Level; 6.2 Multiple Identical Service Slots; 6.2.1 Bidding with the Prior Knowledge; 6.2.2 Bidding without the Prior Belief; 6.2.3 Expected Income Rate; 6.3 Multiple Non-identical Service Slots; 7 Application Use: 8 Numerical Examples: 9 Conclusion: Bibliography This is an Ebookfor thereadersof sujects of Auctions, Theory, Queueing Sommario/riassunto theory, Networking, etc.I reprint my works based on some of my works at Imperial College and personal works at Koreathrough the

unintetional sabbatical years.