1.	Record Nr.	UNISA996466088703316
	Titolo	Petri nets, central models and their properties : proceedings of an advanced course, Bad Honnef, 8.-19. September 1986 / / edited by W. Brauer, W. Reisig and G. Rozenberg
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer-Verlag, , [1987] ©1987
	ISBN	3-540-47919-8
	Edizione	[1st ed. 1987.]
	Descrizione fisica	1 online resource (X, 481 p.)
	Collana	Lecture Notes in Computer Science ; ; 254
	Disciplina	511.3
	Soggetti	Machine theory Petri nets
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Contents: Introduction to Part I -- Prologue -- Elementary Net Systems - Fundamentals -- Place/Transition Systems - Fundamentals -- High-Level Nets - Fundamentals -- Special Topics -- Other Petri Net Models -- Addresses of the authors.
	Sommario/riassunto	Petri Nets represent a long and sustained effort· to develop concepts, theories and tools to aid in design and analysis of concurrent systems. They are used in many areas of computer science including software engineering, data base and in- formation systems, computer architecture and operating systems, communication protocols and computer networks, process control, and socio-technical systems such as office communication and man-machine interaction. Quite substantial theory has been developed for Petri Nets. It reflects all major problem areas of concurrent distributed systems and covers many successfully applied principles and analysis techniques for systems organisation. Since the time that C. A. Petri has presented his original ideas, a rich body of knowledge has been developed-a recent bibliography (in Advances in Petri Nets 1981) includes more than 2000 entries. Already in 1979 an Advanced Course on Petri Nets was organized in Hamburg, West Germany, aiming at systematizing the existing knowledge and making it well accessible to a wide audience of

computer scientists interested in theory and applications of concurrent systems. This course has turned out to be successful in the sense that it has initiated a lot of new research into applications and theory of Petri Nets. This had led to· another Advanced Course in 1986 in Bad Honnef, West Germany - where during two weeks more than 30 lectures were presented covering the most important current developments in the area of Petri Nets.