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Record Nr.	UNISA996465691003316
Titolo	Advances in Petri Nets 1986. Proceedings of an Advanced Course, Bad Honnef, 8.-19. September 1986 [[electronic resource]] : Part 2: Petri Nets: Applications and Relationships to Other Models of Concurrency / / edited by Wilfried Brauer, Wolfgang Reisig, Grzegorz Rozenberg
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1987
ISBN	3-540-47926-0
Edizione	[1st ed. 1987.]
Descrizione fisica	1 online resource (X, 519 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 255
Disciplina	004.6
Soggetti	Computer communication systems Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	to Part II -- Computer tools for construction, modification and analysis of Petri nets -- Petri net tool overview 1986 -- Petri nets in software engineering -- Nets in data bases -- Petri net based models in the specification and verification of protocols -- Human-machine interaction and role/function/action-nets -- Nets in production systems -- Nets in computer organization -- Nets in office automation -- Modelling architectural features with petrinets -- Trace theory -- Event structures -- CCS — and its relationship to net theory -- COSY: Its relation to nets and to CSP -- TCSP: Theory of communicating sequential processes -- Reduction, data flow and control flow models of computation -- "Forgotten topics" of net theory.
Sommario/riassunto	The present volume is the second of two parts which constitute the proceedings of the 1986 Advanced Course on Petri Nets in Bad Honnef. It discusses tools supporting the design of petri nets as well as their modification and analysis, presents a variety of applications, and covers the relationship of petri nets to other concurrency models. These current issues of the "Advances in Petri Nets" present the most significant recent results in the application and theory of petri nets to the broad computer science community. They particularly address those who are: - interested in systems design and would like to learn to

use petri nets, - familiar with subareas of the theory or the applications of nets and wish to become acquainted with the whole area, - interested in learning about recent results presented within a unified framework, - going to learn about successfully applying petri nets in - various practical situations, - interested in the relationship of petri nets to other models of concurrent systems.