1.	Record Nr.	UNISA996465627403316
	Titolo	Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems [[electronic resource]] : 8th International Conference, CPAIOR 2011, Berlin, Germany, May 23-27, 2011. Proceedings / / edited by Tobias Achterberg, J. Christopher Beck
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011
	ISBN	3-642-21311-1
	Edizione	[1st ed. 2011.]
	Descrizione fisica	1 online resource (X, 253 p. 56 illus., 20 illus. in color.)
	Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 6697
	Disciplina	518
	Soggetti	Numerical analysis
		Computer science—Mathematics
		Discrete mathematics
		Algorithms
		Artificial intelligence
		Operations research
		Numerical Analysis
		Discrete Mathematics in Computer Science
		Artificial Intelligence
		Operations Research and Decision Theory
	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 book constitutes the refereed proceedings of the 8th International Conference on Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization Problems, CPAIOR 2011, held in Berlin, Germany, in May 2011. The 13 revised full papers and 7 revised short papers presented together with 3 invited lectures were carefully reviewed and selected from 35 submissions. The papers are focused on both theoretical and practical, application-oriented issues and present current research with a special focus on the integration and hybridization of the approaches of constraint programming,

artificial intelligence, and operations research technologies for solving large scale and complex real life combinatorial optimization problems.