1.	Record Nr.	UNISA996466369303316
	Titolo	Advanced Methodologies for Bayesian Networks [[electronic resource]] : Second International Workshop, AMBN 2015, Yokohama, Japan, November 16-18, 2015. Proceedings / / edited by Joe Suzuki, Maomi Ueno
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
	ISBN	3-319-28379-0
	Edizione	[1st ed. 2015.]
	Descrizione fisica	1 online resource (XVIII, 265 p. 102 illus. in color.)
	Collana	Lecture Notes in Artificial Intelligence ; ; 9505
	Disciplina	006.3
	Soggetti	Artificial intelligence Algorithms Mathematical statistics Computers Database management Application software Artificial Intelligence Algorithm Analysis and Problem Complexity Probability and Statistics in Computer Science Computation by Abstract Devices Database Management Information Systems Applications (incl. Internet) Intel·ligència artificial Estadística bayesiana Congressos Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Effectiveness of graphical models including modeling. Reasoning, model selection -- Logic-probability relations -- Causality. Applying graphical models in real world settings -- Scalability -- Incremental learning.-Parallelization.

Sommario/riassunto

This volume constitutes the refereed proceedings of the Second International Workshop on Advanced Methodologies for Bayesian Networks, AMBN 2015, held in Yokohama, Japan, in November 2015. The 18 revised full papers and 6 invited abstracts presented were carefully reviewed and selected from numerous submissions. In the International Workshop on Advanced Methodologies for Bayesian Networks (AMBN), the researchers explore methodologies for enhancing the effectiveness of graphical models including modeling, reasoning, model selection, logic-probability relations, and causality. The exploration of methodologies is complemented discussions of practical considerations for applying graphical models in real world settings, covering concerns like scalability, incremental learning, parallelization, and so on.