

1. Record Nr.	UNINA9910703854803321
Titolo	Defense : status of forces : agreement between the United States of America and Belgium, signed at Brussels, July 13, 2012
Pubbl/distr/stampa	[Washington, D.C.] : , : United States Department of State, , [2015?]
Descrizione fisica	1 online resource (22 unnumbered pages)
Collana	Treaties and other international acts series ; ; 15-326
Soggetti	Government contractors - Legal status, laws, etc - Belgium Treaties. United States Armed Forces Civilian employees Legal status, laws, etc Belgium
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on July 20, 2015).

2. Record Nr.	UNINA9910576874903321
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Titolo	Approximate Bayesian Inference
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
Descrizione fisica	1 online resource (508 p.)
Soggetti	Mathematics and Science Research and information: general
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Extremely popular for statistical inference, Bayesian methods are also becoming popular in machine learning and artificial intelligence problems. Bayesian estimators are often implemented by Monte Carlo methods, such as the Metropolis-Hastings algorithm of the Gibbs sampler. These algorithms target the exact posterior distribution. However, many of the modern models in statistics are simply too complex to use such methodologies. In machine learning, the volume of the data used in practice makes Monte Carlo methods too slow to be useful. On the other hand, these applications often do not require an exact knowledge of the posterior. This has motivated the development of a new generation of algorithms that are fast enough to handle huge datasets but that often target an approximation of the posterior. This book gathers 18 research papers written by Approximate Bayesian Inference specialists and provides an overview of the recent advances in these algorithms. This includes optimization-based methods (such as variational approximations) and simulation-based methods (such as ABC or Monte Carlo algorithms). The theoretical aspects of Approximate Bayesian Inference are covered, specifically the PAC-Bayes bounds and regret analysis. Applications for challenging computational problems in astrophysics, finance, medical data analysis, and computer vision area also presented.

