

1. Record Nr.	UNINA9910158707403321
Autore	Khamehchi Ehsan
Titolo	Gas Allocation Optimization Methods in Artificial Gas Lift // by Ehsan Khamehchi, Mohammad Reza Mahdiani
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-51451-2
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 46 p. 21 illus.)
Collana	SpringerBriefs in Petroleum Geoscience & Engineering, , 2509-3126
Disciplina	622.3382
Soggetti	Fossil fuels Geophysics Geotechnical engineering Computational intelligence Fossil Fuels (incl. Carbon Capture) Geophysics/Geodesy Geotechnical Engineering & Applied Earth Sciences Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. The Fitness Function of Gas Allocation Optimization -- 3. Constraint Optimization -- 4. Optimization Algorithms.
Sommario/riassunto	This Brief offers a comprehensive study covering the different aspects of gas allocation optimization in petroleum engineering. It contains different methods of defining the fitness function, dealing with constraints and selecting the optimizer; in each chapter a detailed literature review is included which covers older and important studies as well as recent publications. This book will be of use for production engineers and students interested in gas lift optimization.