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## Process Intensification in Chemical Engineering: Design Optimization and Control From Ingramcontent Bibliography

- Rank: #3933308 in Books
- Brand: Ingramcontent
- Published on: 2016-04-04
- Original language: English
- Number of items: 1
- Dimensions: 9.52" h x .89" w x 6.39" l, .0 pounds
- Binding: Hardcover
- 336 pages



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#### About the Author

**Prof. Dr. Juan Gabriel Segovia-Hernández:** He is currently Full Professor in the Department of Chemical Engineering of the University of Guanajuato, Mexico. He received Bachelors, Masters and Doctoral degrees, all in chemical engineering, from University of Guanajuato and Celaya Institute of Technology, Mexico. Prof. Segovia-Hernández received several awards for his academic performance including Academic Excellence Award from ANFEI (Mexican Society of Chemical Engineering Schools). He is member of the Editorial Board for Chemical Engineering and Processing: Process Intensification (Elsevier) and regular reviewer of several international journals. He is the national president of Mexican Academy of Chemical Engineering (2013-2015) and member of the Mexican Academy of Sciences. His research interests are control, synthesis, design and optimization of chemical, petrochemical and related processes. Prof. Segovia-Hernández supervised around 20 graduate theses and nearly 40 undergraduate students. He has published more than 80 papers in international journals with high impact factor, 5 book chapters, and presented around 20 papers in conferences worldwide.

**Prof. Dr. Adrián Bonilla-Petriciolet:** He is currently Full Professor in the Department of Chemical Engineering of the Aguascalientes Institute of Technology, Mexico. He has worked as a research visitor at the Texas A&M University, USA (2003) and National University of Singapore, Singapore (2010). He has published more than 75 papers in international journals, 11 book chapters and several refereed conference proceedings in the broad areas of process modelling, applied thermodynamics, adsorption engineering and optimization. His research interests include stochastic global optimization, applied thermodynamics, modeling and optimization of chemical processes. Prof. Bonilla-Petriciolet co-edited two books (one on multi-objective optimization and another on activated carbon for wastewater treatment) published by John Wiley and INTECH. In the process modeling and optimization area, Prof. Bonilla-Petriciolet has supervised 4 Ph.D. theses and 10 M.Sc. theses. He is a reviewer for several international journals and has worked in several research projects granted by Mexican Government.

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