

Call for Book Chapters



Title: *Differential Equations in Engineering: Research and Applications*

Publisher: CRC Press: Taylor & Francis Group

Final Book Publication: 2021

1. Introduction

The purpose of this book is to publish high quality original research studies and articles that explain advanced mathematics research in various branch of engineering not only a particular branch. The book “*Differential Equations in Engineering: Research and Applications*” has a wide area of research. Various mathematical tools, techniques, strategy and methods in engineering applications will be discussed for the solution of differential equations in the chapters, which is the unique point of this book.

2. Recommended Topics

- Differential, integral and integro-differential equations
- Ordinary and partial, linear and nonlinear, delay, stochastic and random differential equations
- Dynamical systems, stability
- Control non-linear, adaptive, hierarchical, optimal, robust, stochastic, intelligent
- Modelling and simulation of dynamical systems
- Complex dynamical systems
- Dynamical systems in robotics
- Information technology and computational intelligence for dynamical systems
- Applications of differential equations in systems engineering
- Related topics, e.g. bifurcations and chaos in dynamical systems, asymptotic methods in nonlinear dynamics, and others

3. Submission Procedure

Researchers, developers and practitioners are invited to submit their chapter proposals/abstracts (Maximum 1 page in PDF format) on or before **August 30, 2020** to drnupurgoyal10jun@yahoo.com, and cc to kulczycki@agh.edu.pl, drmrswami@yahoo.com.

Please provide the following points in your proposals/abstracts:

- 1) Title of the contribution.
- 2) Name of author, co-authors, institution, email-address.
- 3) Content of the proposed chapter.

Authors of accepted proposals will be notified by **September 5, 2020** about the status of their proposals.

4. Full Book Chapter

Complete chapters are expected to be submitted to drnupurgoyal10jun@yahoo.com and cc to kulczycki@agh.edu.pl, drmrswami@yahoo.com by **October 15, 2020**.

- A book chapter can have up to 40 pages (up to 10000 words total) in word file only.
- Guidelines on how to prepare the full book chapter will be provided on time.
- All submitted chapters will be reviewed on a double-blind review basis.
- Contributors may also be requested to serve as reviewers for this project, up to two manuscripts.

5. Publisher

This edited book is scheduled to be published by CRC Press: Taylor & Francis Group. For additional information regarding the publisher, please visit www.crcpress.com. This publication is anticipated to be released in 2021.

6. Important Dates

The following timeline is anticipated:

- Proposal Submission Deadline: **30 August 2020**
- Notification of Acceptance: **5 September 2020**
- Full Chapter Submission: **15 October 2020**
- Review Results Returned: **15 November 2020**
- Revised Chapter Submission: **30 December 2020**

7. Editors

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8. Inquiries

All inquiries are invited to send an email to drnupurgoyal10jun@yahoo.com and cc to kulczycki@agh.edu.pl, drmrswami@yahoo.com