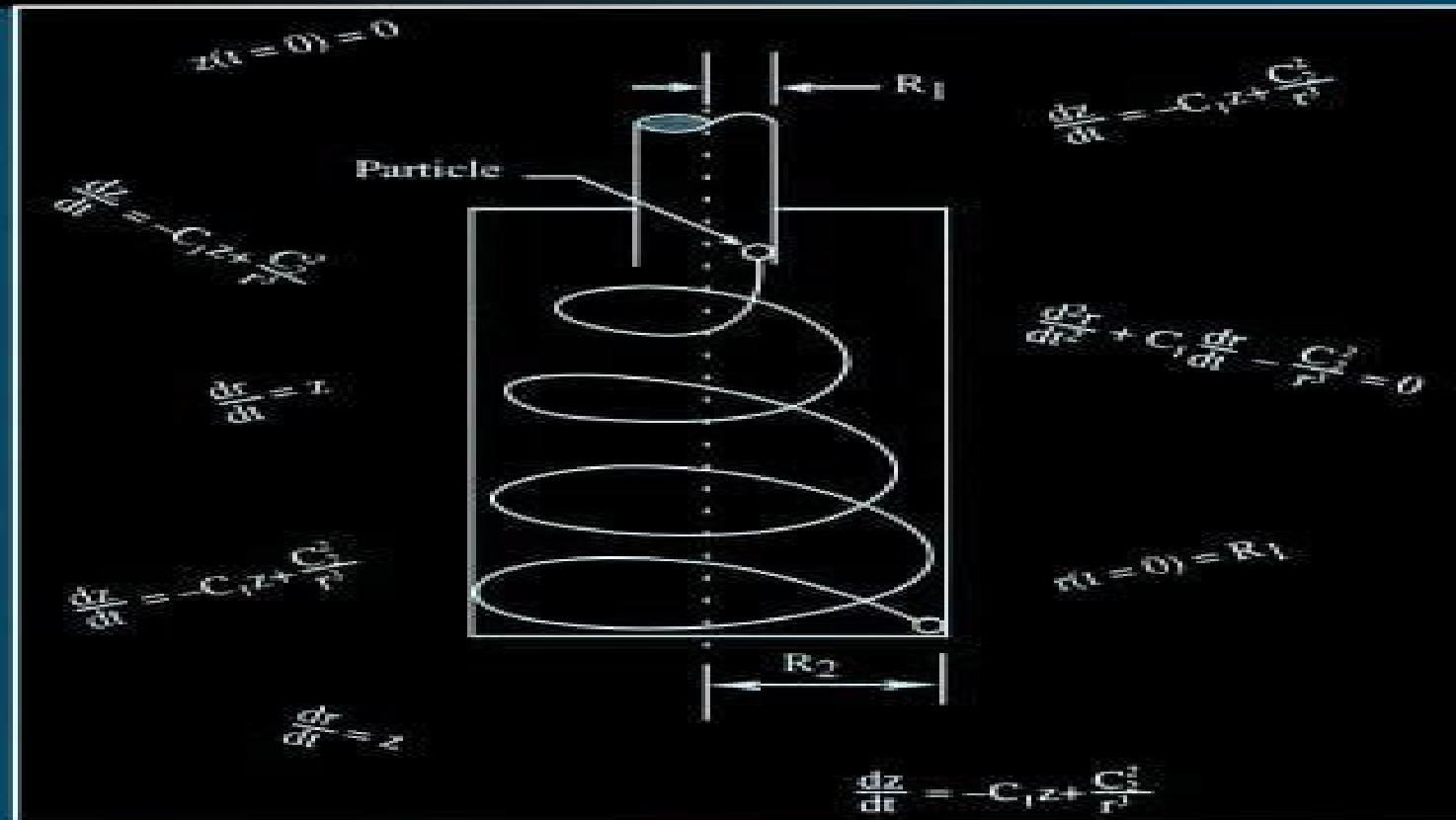


Applied Numerical Methods for Food and Agricultural Engineers



Prabir K. Chandra and R. Paul Singh

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audience The authors have combined their experience of teaching grain storage and drying to undergraduate and graduate students in the faculties of Agricultural and Food Sciences and Engineering Material in the book is organized into broad topic areas physical properties Chapters 1 and 2 grain temperature and moisture Chapters 2 and 6 water in biomaterials and relationship with its environment Chapter 3 fundamental principles of aeration drying and rewetting Chapter 4 and mathematical modelling of isotherm drying and re wetting Chapter 5 We hope our readers will benefit from the contents of the book for many decades

Artificial Intelligence and Sustainable Computing Hari Mohan Dubey, Manjaree Pandit, Laxmi Srivastava, Bijaya Ketan Panigrahi, 2021-07-19 This book presents the outcome of two day 2nd International e Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering and Technology ICSISCET 2020 held at Madhav Institute of Technology Science MITS Gwalior India from December 18 19 2020 The book extensively covers recent research in artificial intelligence AI that knit together nature inspired algorithms evolutionary computing fuzzy systems computational intelligence machine learning deep learning etc which is very useful while dealing with real problems due to their model free structure learning ability and flexible approach These techniques mimic human thinking and decision making abilities to produce systems that are intelligent efficient cost effective and fast The book provides a friendly and informative treatment of the topics which makes this book an ideal reference for both beginners and experienced researchers

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