





Special Issue Reprint

Recent Advances in Mechanics of Non-Newtonian Fluids

www.mdpi.com/books/reprint/2040

Edited by Wei-Tao Wu Mehrdad Massoudi

ISBN 978-3-03928-308-8 (Softback) ISBN 978-3-03928-309-5 (PDF)



Non-Newtonian (non-linear) fluids are common in nature, for example, in mud and honey, but also in many chemical, biological, food, pharmaceutical, and personal care processing industries. This Special Issue of Fluids is dedicated to the recent advances in the mathematical and physical modeling of non-linear fluids with industrial applications, especially those concerned with CFD studies. These fluids include traditional non-Newtonian fluid models, electro- or magneto-rheological fluids, granular materials, slurries, drilling fluids, polymers, blood and other biofluids, mixtures of fluids and particles, etc.





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