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Innovative Food Processing Technologies: Advances in Multiphysics Simulation. Kai Knoerzer, PhD (Editor), Pablo Juliano, PhD (Editor), Peter Roupas, PhD (Editor), Cornelis Versteeg, PhD (Editor) ISBN: 978-0-8138-1754-5. 374 pages. April 2011, Wiley-Blackwell. Read an Excerpt

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Multiphysics Simulation of Emerging Food Processing Technologies discusses how multiphysics modeling - i.e., the simulation of the entire process comprising the actual equipment, varying process conditions and the physical properties of the food to be treated - can be applied in the development, optimization and scale-up of emerging food processing technologies and shows the most recent research outcomes to demonstrate process efficiency and the impact on scalability, safety and quality.

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