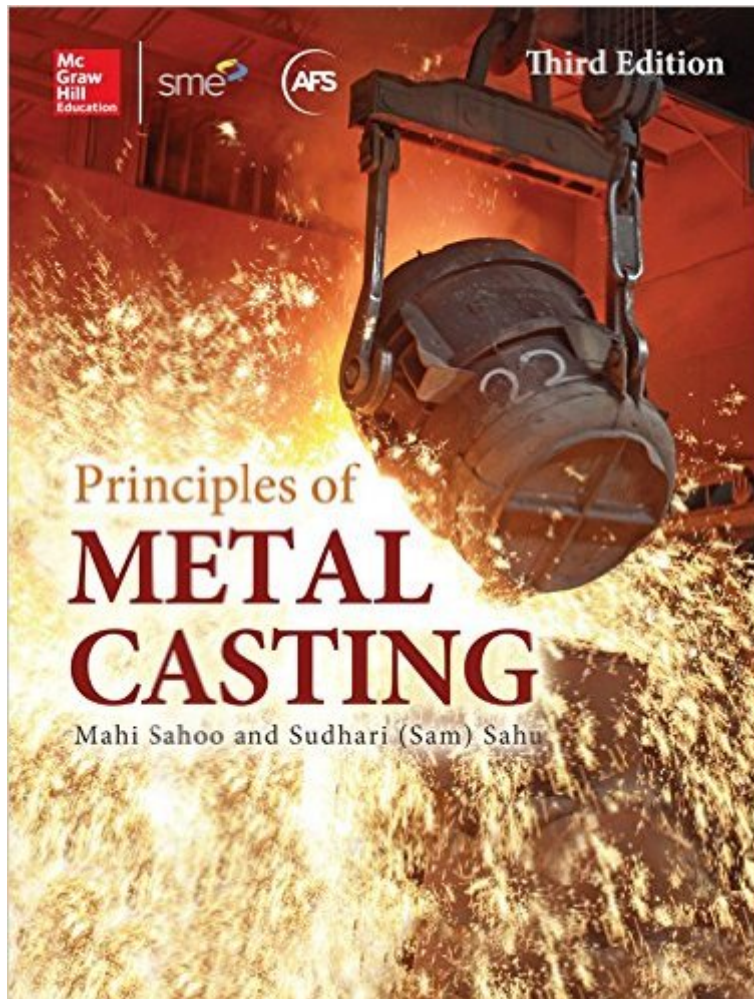


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# Principles Of Metal Casting, Third Edition



## Synopsis

The definitive metal casting resource--fully updated Written by prominent industry experts, Principles of Metal Casting, Third Edition, addresses the latest advances in the field such as melting, casting processes, sand systems, alloy development, heat treatment, and processing technologies. New chapters cover solidification modeling, casting defects, and zinc and zinc alloys. Detailed photographs, illustrations, tables, and equations are included throughout. Ideal for students and researchers in metallurgy and foundry science as well as foundry industry professionals, this authoritative guide provides all of the information needed to produce premium-quality castings. Comprehensive coverage includes: Patterns Casting processes Solidification of metals and alloys Gating and risering of castings Casting process simulation Aluminum and aluminum alloys Copper and copper alloys Magnesium and magnesium alloys Zinc and zinc alloys Cast irons Steel castings Cleaning and inspection Casting defects

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## Customer Reviews

I have also edition 2, which I used as a textbook on metal casting during my engineering graduation. This is an excent upgrade which I recomend to any student

Mahi and team have done a great job revising a classic text. Great book for everyone in the metal casting business.

Great general resource. A broad overview of modern metal casting practices. Well worth \$50.00

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