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Chemical Process Principles By Hougén Chemical Process Principles Hougén O.A., Watson K.M., Ragatz R.A. New York: John Wiley & Sons, 1952. — 1159 p. In this book only process problems of a chemical and physicochemical nature are treated, and it has been attempted to avoid overlapping into the fields of unit operations and plant design.

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Chemical Process Principles: a Combined Volume Consisting of Part One Material and Energy Balances, Part Two Thermodynamics, Part Three Kinetics and Catalysis Hougén, Olaf A.; Watson, Kenneth M. Published by John Wiley & Sons, Inc. (1947)

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In 1942 the American Chemical Society, under Hougen's chairmanship, sponsored a symposium on the subject. It was during this time that the text Industrial Chemical Calculations was revised and extended, giving place to Material and Energy Balances as the first part of another work, Chemical Process Principles.

~~NAE Website — Dr. Olaf A. Hougen~~

Hougen and Kenneth M. Watson were co-authors of the three-volume text titled Chemical Process Principles (Material and Energy Balances; Thermodynamics; Kinetics & Catalysis), which was a milestone in the literature of the profession because of its emphasis on applying the basic principles of mathematics, chemistry and physics to the analysis of ...

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