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BOOK REVIEW

REVERSE OSMOSIS AND ULTRAFILTRATION

S. Sourirajan and T. Matsuura, Eds.

ACS Symposium Series 281; American Chemical Society,

Washington, D.C., 1985; hardbound, 508 pages, \$89.95

This work represents the Proceedings of a Symposium sponsored by the Division of Industrial and Engineering Chemistry, at the 188th National ACS Meeting held at Philadelphia in August, 1984. The 35 papers treat a variety of aspects of Membrane Science. Many improvements in membrane efficiency are treated (e.g., enhancement of salt rejection by γ -ray treatment of the membrane; thin-film composite membranes in single-stage seawater desalting), as well as the fouling problems, and applications to industrial and municipal effluents. The volume ends with a few papers on gas separations and on pervaporation. Each paper has its own bibliography; the book ends with author and subject indices. It is highly recommended to all chemists and chemical engineers involved in membrane separations.

Carel J. van Oss