This book is intended to serve as an introduction and reference to today's technology on secondary fiber recycling for those with either formal engineering training or direct operating experience. Topics include: the U.S. solid waste dilemma; recycled-versus virgin-fiber characteristics; print quality of recycled-fiber papers; the impact of secondary fiber on the paper machine; fiber reactivity versus chemical use; characterization of wastes and emissions from mills; nonpaper uses for recovered paper; sourcing and grading; recovered paper contaminants; and secondary-fiber processing including storage, inspection, screening, cleaning, deinking, and bleaching. Contains over 300 figures and tables; bibliographical references.

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