

Accession No.: 95-13

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Preisendorfer, Rudolph William. 1927-1986

Rudolph William Preisendorfer Papers, 1959, 1965-1968

Physical Description: 1 rcc, 1 mss

Description: Papers of mathematician Rudolph Preisendorfer, a researcher at the Visibility Laboratory. Includes manuscripts of papers on hydrologic optics and radiative transfer written by Preisendorfer and Seibert Q. Duntley.

**Rudolph William Preisendorfer
Papers, 1959, 1965-1968
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Box	Folder Title
1	Completed Manuscripts, Radiative Transfer on Discrete Spaces, 1959 Principles of Hydrologic Optics, Rough Draft, with Dr. S. Q. Duntley Chapter 12: Optical Properties of the Air-Water Surface Chapter 1: Introduction to Hydrologic Optics, Fall 1965 Chapter 2: Radiometric and Photometric Concepts Chapter 13: Operational Formulations of Concepts for Experimental Procedures Chapter 11: The Universal Radiative Transport Equation Chapter 10: Optical Properties at Extreme Depths Chapter 9: General Theory of Optical Properties Chapter 8: Models for Irradiance Fields Chapter 4: Canonical Forms of the Equation of Transfer Chapter 3: The Interaction Principle Chapter 5: Natural Solutions of the Equation of Transfer Chapter 6: Classical Solutions of the Equation of Transfer Chapter 7: Invariant Imbedding Techniques for Light Fields
2	Radi Memoranda Vol IV: Stochastic Image Processing, 1967-1968 Vol III: Mathematical Framework of Image Processing, 1965-1968 Vol II: Wave Propagation Theory, 1965-1967 Vol I: Fourier Analysis and Fourier Algebra, 1966-1968