Preisendorfer, Rudolph William. 1927-1986


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.
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 **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

 **Radi Memoranda**