

ROSSOTTI

COLOUR

QC
101

Carnegie Library of Pittsburgh

Is a free public library, maintained by the
City of Pittsburgh and the County of Alle-
gheny, with supplemental appropriations
from the State of Pennsylvania

CARNEGIE LIBRARY OF PITTSBURGH



3 1812 00474 7995

QC
495
.R87
1985x

SCI/TECH D
~~New books~~

Carnegie Library of
4400 Forbes Ave.

JE 10 '86

HAZEL ROSS
COLO

QC
495
.R87
1985x
cop. 1

Princeton University Press
Princeton, New Jersey

Cete

Published by Princeton University Press,
41 William Street, Princeton, New Jersey 08540

Copyright © 1983 by Hazel Rossotti
All rights reserved
First Pelican original edition, 1983
First Princeton Paperback printing, with corrections, 1985

LCC 84 - 11451
ISBN 0 - 691 - 08369 - X
ISBN 0 - 691 - 02386 - 7 (pbk.)

Reprinted by arrangement with Penguin Books Ltd.
Made and printed in Great Britain
by Richard Clay (The Chaucer Press) Ltd,
Bungay, Suffolk
Set in VIP Times

Clothbound editions of Princeton University Press books are printed
on acid-free paper, and binding materials are chosen for strength and durability.
Paperbacks, while satisfactory for personal collections, are not usually suitable
for library rebinding.

CONTENTS

List of Text Figures
Foreword
Preface to the Princeton Edition
Introduction

Part One: Light and Dark

1. Light Particles
2. White Light on Clear Glass

Part Two: Lights and Colours

3. Steady Colours
4. Shimmering Colours
5. Special Effects
6. Lights

Part Three: The Natural World

7. Air and Water
8. Earth and Fire
9. Vegetable Colours
10. The Colours of Animals

Part Four: Sensations of Colour

11. Light and the Eye
12. Anomalous Colour Vision
13. Colour Vision in Animals
14. The Eye and the Brain
15. Sorting and Recording

Part Five: Technology

16. Colour Reproduction

Part Six: Uses and Links

18. Imparting Information	203
19. Communicating Feelings	209
20. Colour, Music and Movement	220
21. Words and Colours	222
Index	231
Acknowledgements	239

LIST OF TEXT FIG

1. Light waves
2. Prismatic colours
3. A home-made prism
4. From a rose window
5. How light travels through glass
6. How light bounces off glass
7. The dark eyes of houses
8. A single atom of matter
9. Glass
10. A metal
11. Interference of light
12. Printer's blue and blood red
13. Oil patches and soap bubbles
14. Diffraction by two slits
15. Diffraction by a grating
16. Polarization of light
17. Three combs
18. A highly ordered fluid
19. Light sources
20. Laser light
21. Colours from white light
22. White light and tiny particles
23. Distant blue
24. White light and droplets
25. Reflected colour in clouds
26. The Blue Grotto
27. Sunset
28. Colours from a dewdrop
29. A primary rainbow
30. A double rainbow
31. The Brocken spectre
32. How a glory occurs
33. Shiny graphite

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.