DESCRIPTION

An updated and revised second edition of the acclaimed classic

Have you ever wondered why the sky is blue, or a ruby red? This classic volume studies the physical and chemical origins of color by exploring fifteen separate causes of color and their varied and often subtle occurrences in biology, geology, mineralogy, the atmosphere, technology, and the visual arts. It covers all of the fundamental concepts at work and requires no specialized knowledge.

Author Kurt Nassau includes hundreds of illustrations, tables, and photographs—as well as end-of-chapter problems—that aid in visualizing the concepts discussed. An updated bibliography permits readers to pursue their own particular interests and an expanded series of appendices cover advanced topics.

The Physics and Chemistry of Color, Second Edition is a one-of-a-kind treatment of color that provides both detailed physical and chemical properties of color and a more general overview of the subject. It will prove highly useful to specialists and non-specialists alike—and fascinate those with varied interests from optics to art history.

ABOUT THE AUTHOR

KURT NASSAU, PhD, spent thirty years as a research scientist at Bell Laboratories in Murray Hill, New Jersey before retiring in 1989 as Distinguished Research Scientist. He is the holder of seventeen patents and author of over 450 publications, including
four other books: Gems Made by Man, Gemstone Enhancement, Experimenting with Color, and Color for Science, Art and Technology.