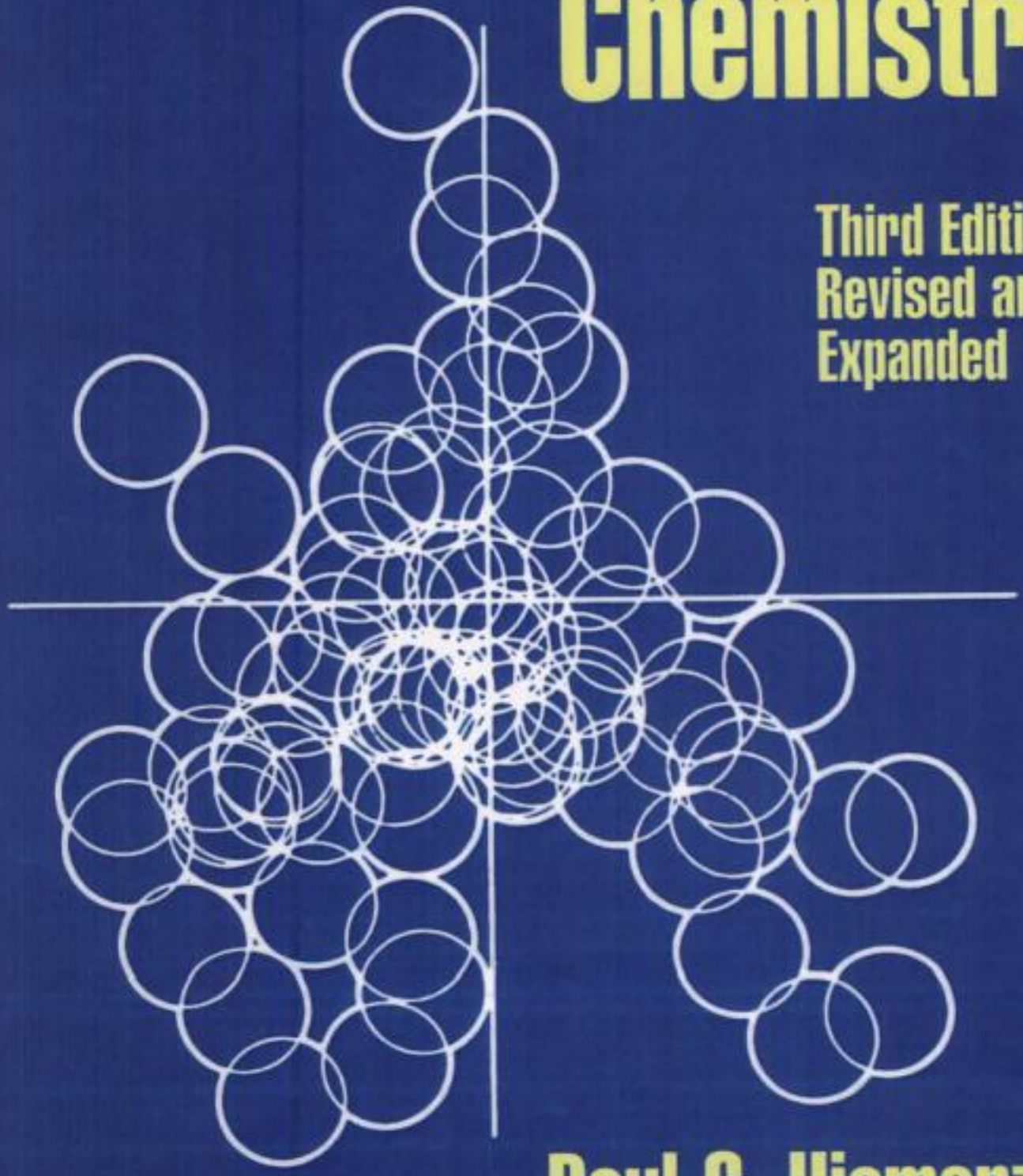
Principles of Colloid and Surface Chemistry

Third Edition, Revised and Expanded



Paul C. Hiemenz

Principles of Colloid and Surface Chemistry, Third Edition, Revised and Expanded, Paul C. Hiemenz, Raj Rajagopalan, CRC Press, 1997, 1420001299, 9781420001297, 672 pages. This work aims to familiarize students with the fundamentals of colloid and surface science, from various types of colloids and colloidal phenomena, and classical and modern characterization/measurement techniques to applications of colloids and surface science in engineering, technology, chemistry, physics and biological and medical sciences. The Journal of Textile Studies proclaims "High praise from peers . . .contains valuable information on many topics of interest to food rheologists and polymer scientists ...[The book] should be in the libraries of academic and industrial food research organizations" and Chromatographia describes the book as "...an excellent textbook, excellently organised, clearly written and well laid out.".

Polymer Chemistry The Basic Concepts, Paul C. Hiemenz, Feb 28, 1984, Technology & Engineering, 752 pages. .

Micellar solutions and microemulsions structure, dynamics, and statistical thermodynamics, Sow-Hsin Chen, Raj Rajagopalan, 1990, Science, 309 pages. .

Surfactants and Polymers in Aqueous Solution , Krister Holmberg, Bo JÐ“Â¶nsson, Bengt Kronberg, BjÐ“Â¶rn Lindman, Nov 22, 2002, Science, 562 pages. Many industrial formulations such as detergents, paints, foodstuff and cosmetics contain both surfactants and polymers and their interaction govern many of the properties. This ....

Colloids and Interfaces with Surfactants and Polymers , James Goodwin, Aug 11, 2009, Science, 388 pages. From blood to milk, pumice to gelatine, most scientists interact with colloids on a daily basis without any real knowledge of their nature. Building on the success of the first ....

The structure, dynamics, and equilibrium properties of colloidal systems , David Bloor, Evan Wyn-Jones, 1990, Science, 888 pages. .

Thin Liquid Films , Ivan Ivanov, Aug 31, 1988, Science, 1160 pages. .

Surfaces, interfaces, and colloids principles and applications, Drew Myers, 1991, Science, 433 pages. From the reviews of the First Edition: "The book has admirably met its stated goal. The whole gamut of surface and colloid science has been presented in a comprehensive manner ....

Surface Chemistry , A. Goel, Jan 1, 2006, Surface chemistry, 316 pages. Contents: Surface Chemistry, Equations and Transport Phenomena in Gases, Solutions and their Theories, Physical and Constitutive Properties, Catalysis and Kinetics of ....

Phagocytic engulfment and cell adhesiveness as cellular surface phenomena , Carel J. Van Oss, Cetewayo F. Gillman, A. Wilhelm Neumann, 1975, Medical, 160 pages. .

Foundations of colloid science, Volume 2 , Robert J. Hunter, Lee R. White, Feb 19, 1987, Science, 1089 pages. .

Handbook of Surface and Colloid Chemistry, Third Edition , K. S. Birdi, Nov 20, 2008, Science, 756 pages. The third edition of this besteller covers the latest advancements in this rapidly growing field. Focusing on analyses and critical evaluation of the subject, this new edition ....

Colloidal systems and interfaces , Sydney Ross, Ian Douglas Morrison, 1988, Science, 422 pages. A concise review of the concepts and techniques applicable to emulsions and dispersions useful to industrial chemists and chemical engineers. Describes a wide range of topics ....

Introduction to colloid and surface chemistry , Duncan J. Shaw, 1966, Science, 186 pages. .

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