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The first edition of *Physical Chemistry of Surfaces* appeared in 1960—a long time ago and a long time for a book to be continuously in print through successive editions. Much has changed, much remains about the same. The most change—a most happy one—is that the senior author is gone. He was a great man and one who may well carry the book into yet further editions. The purpose of the book. We hope that this 6th edition will continue to serve as a textbook for senior and graduate-level courses, of both academic and nonacademic venue, and that it will continue to be of value to practitioners in the field, especially those whose interests have only recently moved into the field. Some comments for special groups of users follow.

Students (and instructors). Each chapter presents first the basic material of the topic, with optional material in small print. Derivations are given in full and this core material is reinforced by means of problems at the end of the chapter. A solutions manual is available to instructors. We assume that students have completed the usual undergraduate year course in physical chemistry. As a text for an advanced course, the basic material is presented in a fundamental, historical source, and to contemporary papers where new advances have been incorporated. There are numerous examples and data drawn from both the older and from current literature.

Each chapter section will generally conclude with a brief section on a review of more recent advances in its area. The typical course of study might follow the chapter sequence of the book. The first two courses, through Chapter XI, would typically stress fundamental concepts and homework assignments. The student is taken through the basic physical chemistry of liquid-gas and liquid-solid interfaces, including intermolecular long-range forces, and the various methods of spectroscopic analysis of surfaces. Chapters XII through XV are more descriptive in nature. Assignments might taper off, to be replaced by a term paper. The recent advances in these chapters serve to give the student a good overview of the field.