INTRODUCTION TO RADIOCHEMISTRY

Introduction to Radiochemistry

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Preface

Radiochemistry is the application of radioactivity to the solution of chemical problems. The importance of radiochemistry has increased dramatically over the last decade as radioactive materials have become more widely available, and as workers in many fields have taken advantage of the great sensitivity of radioactivity detection techniques. This book attempts to provide the reader with a basic understanding of radioactivity and of the most important techniques associated with the application of radioactivity to the chemical sciences. No previous knowledge of radiochemistry or nuclear physics is required, although it has been assumed that the reader will have a knowledge of chemistry to at least first-year undergraduate level or equivalent. It is hoped that the book will be found useful both by students in higher education, and by practising chemists, biochemists and biologists who may be able to employ radiochemical techniques in their work.

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