This book is designed for people who want to apply machine vision to real-world elements. The details to allow implementation and use of vision systems are of interest to active researchers are useful to the practicing engineer.

The field of machine vision, or computer vision, has been growing at a rapid rate. It has been estimated that the machine vision market in the United States will grow from $1.3 billion in 1993 to $9.4 billion in 2000. This book is the first of its kind to provide an overview of the field and to present the most recent developments. It is written by leading experts in the field, and is organized into chapters on the most important topics.


The text is written for readers with a background in mathematics, computer science, and engineering. It assumes a basic knowledge of linear algebra, probability, and statistics. The text is intended to be accessible to students and practitioners in the field of machine vision. It is written in a way that is easy to understand and is rich in examples. It also includes a large number of exercises and problems to help readers reinforce their understanding of the material.

The text is organized into chapters, each of which covers a specific topic. Each chapter begins with an overview of the topic, followed by detailed explanations of the concepts and techniques. The text includes a large number of examples and case studies to help readers understand the concepts. The text also includes a large number of exercises and problems to help readers reinforce their understanding of the material. The text is written in a clear and concise manner, and is rich in examples. It is intended to be accessible to students and practitioners in the field of machine vision.