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8. Publication and Communication8.1 Introduction; 8.2 The Scientific and Engineering Literature; 8.3 The Journals; 8.4 Data Manipulation for Publication; 8.5 Detecting Falsified Data; 8.6 Peer Reviewers and Their Duties; 8.7 Duties and Responsibilities of a Journal Editor; References; 9. Enforcement of Codes of Ethics; 9.1 Introduction; 9.2 Following a Code of Ethics; 9.3 Enforcing a Code of Ethics; 9.4 Reporting Misconduct; 9.5 Published Examples of Unethical Behavior; References; Glossary; Index

Sommario/riassunto

For engineering and scientific endeavors to progress there must be generally accepted ethical guidelines in place to which engineers and scientists must adhere. This book explores the various scientific and engineering disciplines, examining the potential for unethical behavior by professionals. Documented examples are presented to show where unethical behavior could have been halted before it became an issue. The authors also look to the future to see what is in store for professionals in the scientific and engineering disciplines and how the potential for unethical behavior can be negated.