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Pipelines.

Sommario/riassunto

"This book focuses on defect assessment on pipelines for an improved integrity management. The fundamental and practical applications of defect assessment methods provide a reliable means for the determination of fitness-for-service of pipelines containing various types of anomalies and an accurate prediction of pipeline failure. Evolution of the techniques and industry codes for defect assessment on pipelines is introduced in a technical development sequence from introductory to advanced techniques. In addition to corrosion defects, dents and other geometrical anomalies present on pipelines are assessed and analyzed by individual principles and methods specific to their own features. These topics provide pipeline engineers and integrity specialists, as well as pipeline researchers and senior graduate students, the latest knowledge, techniques, and research accomplishments on pipeline defect assessment"--
