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Sommario/riassunto	<p>ONE OF A FOUR-BOOK COLLECTION SPOTLIGHTING CLASSIC ARTICLES</p> <p>Original research findings and reviews spanning all aspects of the science and technology of casting Since 1971, The Minerals, Metals &amp; Materials Society has published the Light Metals proceedings. Highlighting some of the most important findings and insights reported over the past four decades, this volume features the best original research papers and reviews on cast shop science and technology for aluminum production published in Light Metals from 1971 to 2011. Papers have been divided into ten subject sections for ease of access. Each section has a brief introduction and a list of recommended articles for researchers interested in exploring each subject in greater depth. Only 12 percent of the cast shop science and technology papers ever published in Light Metals were chosen for this volume. Selection was based on a rigorous review process. Among the papers, readers will find landmark original research findings and expert reviews summarizing current thinking on key topics at the time of publication. From basic research to industry standards to advanced applications, the articles published in this volume collectively represent a complete overview of cast shop science and technology, supporting the work of students, researchers, and engineers around the world.</p>

