Record Nr. UNINA9910254177503321 Autore Tietjen Jill S Titolo Engineering Women: Re-visioning Women's Scientific Achievements and Impacts / / by Jill S. Tietjen Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2017 **ISBN** 3-319-40800-3 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XIII, 85 p. 1 illus.) Collana Women in Engineering and Science, , 2509-6427 620 Disciplina Soggetti Engineering—Vocational guidance History Popular works Job Careers in Science and Engineering History of Science Popular Science, general Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Introduction -- The Early Days of Engineering -- Women Can be Engineers, Too! -- War's Unintended Consequences -- Suburbia and Sputnik -- Bridges to the Future -- Bridges to the Future. Sommario/riassunto Packed with fascinating biographical sketches of female engineers, this chronological history of engineering brightens previously shadowy corners of our increasingly engineered world's recent past. In addition to a detailed description of the diverse arenas encompassed by the word 'engineering' and a nuanced overview of the development of the field, the book includes numerous statistics and thought provoking facts about women's roles in the achievement of thrilling scientific innovations. This text is a unique resource for students launching research projects in engineering and related fields, professionals interested in gaining a broader understanding of how engineering as a discipline has been impacted by events of global significance, and scholars of women's immense, often obscured, contributions to

scientific progress. Illuminates the many significant contributions of women in engineering Educates readers about the evolution of the field

of engineering over the last century Demonstrates how key engineering advances are driven by socio-economic and cultural contexts.