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Sommario/riassunto

Engineering, at its origins, was a profession of problem solving. The classic text, Dialogues Concerning Two New Sciences by Galileo Galilei is revisited in this ambitious and comprehensive book by Milton Shaw. In-depth discussions of passages from the Galileo text emphasize the """"mind set"""" of engineering, specifically the roles played by experimentation and dialog in analysis and creativity. In the epilogue, the author points out that engineering students are usually exposed to two types of faculty. The first type is mathematically oriented and mostly interested in analytical sol