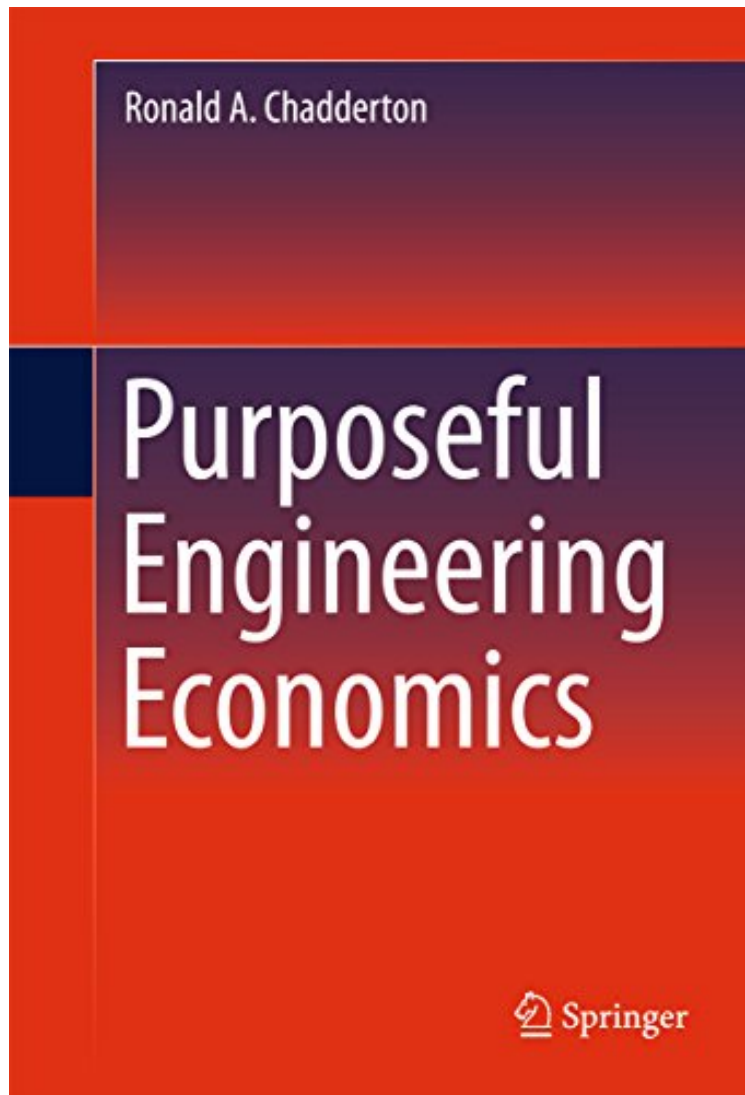


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Purposeful Engineering Economics

Ronald A. Chadderton
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Ronald A. Chadderton : Purposeful Engineering Economics before purchasing it in order to gauge whether or not it would be worth my time, and all praised Purposeful Engineering Economics:

Purposeful Engineering Economics stands as a unique and highly original complement to the traditional engineering economics curriculum. This primarily narrative text conveys the essence of an "Austrian" economic perspective on cash flow analysis and decision making in engineering without extensive tables and graphs and requires very little mathematics. The book's objective is to add a new perspective to the usual study of cash flow analysis and solely econometric engineering decision making. The author draws on the methodology of the Austrian Economists—a

school of economic thought that bases its study of economic phenomena on the interpretation and analysis of the purposeful actions of individuals. The book includes an array of illustrative case studies examined in detail by the author and emphasizes the importance of market processes and price signals to coordinate engineering plans.

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About the Author Dr. Ronald A. Chadderton is the Edward A. Daylor Professor and past chairman of Civil and Environmental Engineering at Villanova University. He served as an officer in the U.S. Air Force before graduate work at Bucknell and Carnegie-Mellon Universities. He was a faculty member at The Pennsylvania State University prior to Villanova. His teaching interests include fluid mechanics, hydrology and hydraulics, and water and wastewater treatment. His research interests include hydraulic modelling, water quality, and assimilation capacity/wasteload allocation in streams. His research has been supported by AWWA Research Foundation, Chesapeake Research Consortium, ASCE, EPA, PennDot, and the Sarah Scaife and Carthage Foundations.