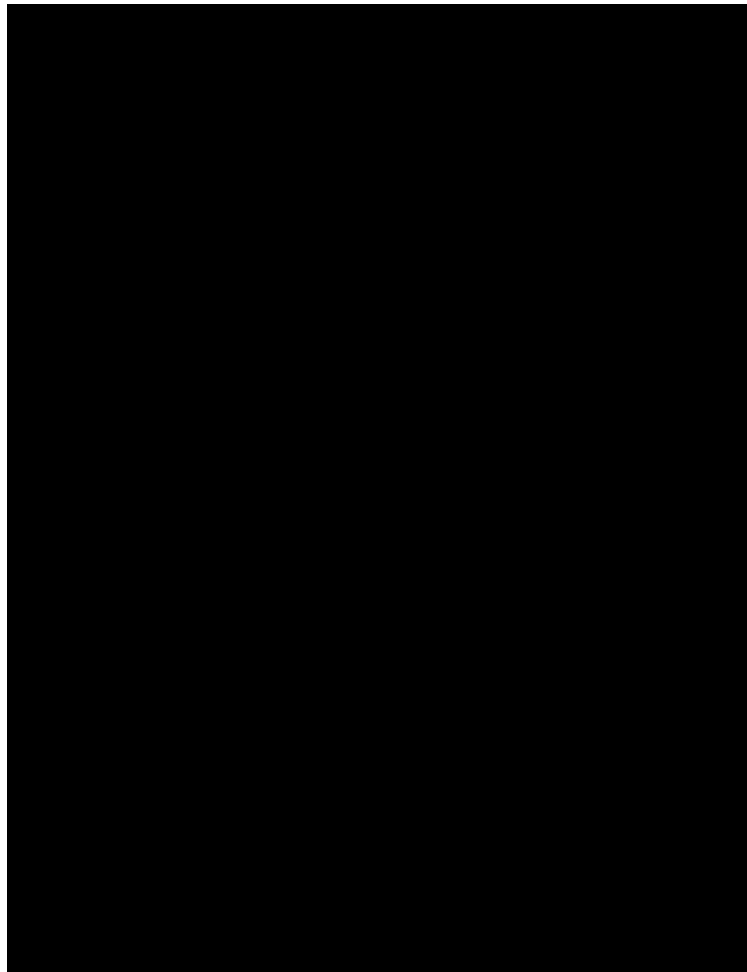


(Mobile book) From Project to Production: The Commonwealth and International Library: Social Administration, Training Economics, and Production Division

# From Project to Production: The Commonwealth and International Library: Social Administration, Training Economics, and Production Division

*A. M. Brichta, Peter E. M. Sharp*

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From Project to Production provides a detailed account of project development in industrial engineering, with

emphasis on the administrative procedure along which creative effort should be channeled. This book highlights the necessity for, and the use of, the industrial designer and points out where the machine element analysis and synthesis, circuit calculations, design, and drafting fit into the general industrial pattern. This book is comprised of 11 chapters and begins with an overview of the difficulties involved producing a satisfactory guide to design and development work, along with the importance of training and the chain of command in project development. The next chapter explains how a project is conceived and considers the economic principles, development policy, engineering products, the development effort on production plant, and project implementation. The reader is methodically introduced to the rationalization of project work; engineering design, industrial design, and optimum design; and inventions, patents, and design registration. The remaining chapters focus on design realization; materials and stress analysis; development of models and prototype; and the technical activity of an engineering company. This monograph will be a useful resource for students, teachers, and practitioners of engineering.