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Business and Management : Operations Management

Erlach, Klaus, Fraunhofer-Institut für Produktionstechnik und, Stuttgart, Germany

Value Stream Design

The Way Towards a Lean Factory

- **Very practical book with many figures and examples**
- **Systematic and easy-to-understand guidelines and principles**
- **Written for experts in this field**

Value stream design is increasingly asserting itself as the key approach for production optimization, but there has never been a detailed and systematic presentation of the value stream method before – a gap that has now been filled by this book. The author provides an easily comprehensible code of practice for the effective analysis of production processes, product family-oriented factory structuring and the target-oriented development of an ideal future state of production. The book plausibly conveys ten design guidelines for production optimization with corresponding equations, descriptive illustrations and industrial examples well-proven in numerous industrial projects. It addresses the professional public, practitioners wishing to avoid waste and systematically improve their factories' value streams, and students - tomorrow's practitioners. In contrast to other publications, this book complements the value stream analysis and its unique compact visualization of the entire production process by a detailed illustration of the information flow and a comprehensive discussion of the operator balance chart. The »traditional« concept of value stream design is significantly expanded with a view to its applicability in complex productions by way of methodological innovation and further development concerning campaign formation, value stream management and technological process integration. The method is embedded in a comprehensive procedural approach for factory planning, starting with the definition of the desired lean production goals.

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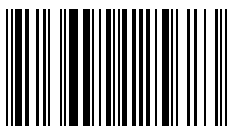
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