



Production Systems Engineering: Cost and Performance Optimization

Richard Gustavson

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Optimize Economic and Technological Requirements in Production System Designs

This pioneering work offers proven techniques, partially created and developed at The Charles Stark Draper Laboratory, for determining optimal resource allocation and cost-effective production system designs for today's any-volume manufacturing environments. *Production Systems Engineering* presents a unique methodology that synthesizes applicable technology with economic requirements for an integrated solution. Featuring real-world case studies, this authoritative resource establishes a new paradigm for the manufacturing world that can also be applied to other enterprise environments.

Coverage includes:

- Determining an improved manufacturing system design method
- System design basics, time allocation, resources, costs, and quality rating
- Stochastic analyses added to deterministic results
- System configuration options
- Multiple disparate products produced by one system
- World class versus mostly manual systems
- Determining allowable investment
- Simultaneous improvement in yield and cycle-time



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Playing with family in a park, coming to see the marine world or hanging out with close friends is thing that usually you might have done when you have spare time, after that why you don't try thing that really opposite from that. A single activity that make you not sense tired but still relaxing, trilling like on roller coaster you already been ride on and with addition of knowledge. Even you love Production Systems Engineering: Cost and Performance Optimization, it is possible to enjoy both. It is very good combination right, you still desire to miss it? What kind of hangout type is it? Oh can occur its mind hangout people. What? Still don't have it, oh come on its called reading friends.

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