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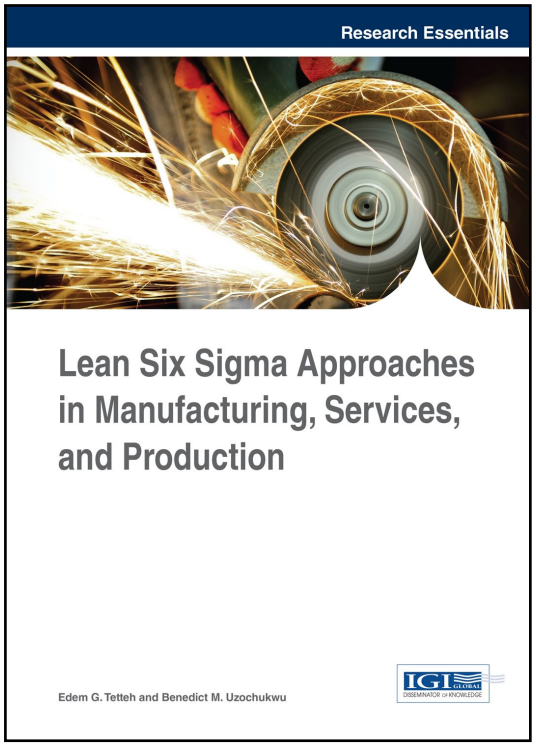
Lean Six Sigma Approaches in Manufacturing, Services, and Production



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Part of the Research Collection

Edem G. Tetteh (Potomac State College of West Virginia University, USA) and Benedict M. Uzochukwu (Virginia State University, USA)

Lean Six Sigma has evolved progressively over time from quality efforts within an enterprise that are independent, to complex systems changing the concept from a simple network to complex alliance formation among firms. The changes created by these transformations present novel challenges and issues to new and established businesses alike.

Lean Six Sigma Approaches in Manufacturing, Services, and Production presents emerging research-based trends in the area of global quality lean six sigma networks and analysis. Adopting an interdisciplinary approach focusing on research, cases, and emerging technologies, this title provides insight and support to researchers, students, executives, managers, and practitioners concerned with the management of quality and efficiency across industries.

Topics Covered:

- Engineering Economy and Cost Analysis
- Enterprise Resource Planning
- Manufacturing Systems
- Operations Management
- Production Planning and Control
- Project Management
- Quality Control and Management
- Supply chain management
- Third and Fourth Party Logistics

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners. Ideal for classroom use.

Edem G. Tetteh is Dean of Academic Affairs at Potomac State College of West Virginia University in Keyser, WV. Dr. Tetteh previously served at Paine College, Augusta, Georgia, as Assistant Vice President for Academic Affairs. Prior to that position, he was an Assistant Professor at Virginia State University, Petersburg, VA, and taught undergraduate and graduate classes in Industrial and Logistics Technology. Dr. Tetteh's academic credentials include a BS in Manufacturing Systems at NC A&T State University, an MS in Industrial Engineering at North Carolina A&T State University, and a PhD in Industrial Technology at Purdue University, West Lafayette, IN. He also holds professional certifications as a Senior Technology Manager (CSTM), Lean Six Sigma Black Belt continuous improvement trainer, and Certified Waste Manager. Dr. Tetteh has authored a book titled Engineering Approach to Work Design: Issues for the Obese Workers and an edited book in 2012 titled *Customer-Oriented Global Supply Chains: Concepts for Effective Management*. He also has several publications in the area of Ergonomics and Human Factors and Logistic and Supply Chain.

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