Six Sigma (6σ) is a set of techniques and tools for process improvement. It was introduced by American engineer Bill Smith while working at Motorola in 1986. Jack Welch made it central to his business strategy at General Electric in 1995. A six sigma process is one in which 99.99966% of all opportunities to produce some feature of a part are statistically expected to be free of defects. Six SIGMA and Beyond, Volume 1 as Want to Read: Want to Read saving… Want to Read. Methodologies Evaluate Improved Performance Review and RecycleThe goal of all this? You can uncover potential improvements in your organization and bring all your resources together to identify, measure, analyze, improve, and control the process. Six Sigma and Beyond: Foundations for Excellent Performance defines quality and the elements that both management and non-management personnel must understand to achieve quality success. …more. Get A Copy. Amazon. Foundations of six sigma management. SECTIONS 1.1 1.2 1.3 1.4 1.5 1.6 1.7 Introduction Successful Applications of Six Sigma Management Key Ingredients for Success with Six Sigma Management Benefits of Six Sigma Management Fundamentals of Improving a Product, Service, or Process Fundamentals of InventingInnovating a Product, Service, or Process What Is New about Six Sigma Management? Chapter 1 Foundations of Six Sigma Management. Six Sigma management focuses on driving effective and efficient performance across the total enterprise to increase the perception of the marketplace of its ability to deliver value-added processes, products, and services.