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**QUALITY MANAGEMENT AND VALUE ENGINEERING  
("MANAGEMENTUL CALITATII SI INGINERIA VALORII")**

**by Ion IONITA,**

**ASE Printing House, Bucharest, 2008**

The author, valuable teacher of the Academy of Economic Studies, known to the specialists for his contributions in the domains of technical-economic systems quality management and value engineering succeeds now in offering the economists a book special through the depth of the approach, the diversity of the approached problems, the complete character of the approach and through the special scientific level. The book is structured in two parts.

The first part treats the quality management and includes the historical evolution of the concept of quality and quality systems, the theoretical fundamentals regarding the quality management and of total quality. The author analyses the standard's requirements regarding quality management in the context of our countries' economic development. Issues regarding the quality management at European organizations level are treated, taking into account the particularities regarding the production and the quality of the products form the European market. Issues regarding quality planning, quality audit and informational system associated to quality management are treated with remarkable clarity by the author. Starting with the costs involved by raising the quality level, the author develops issues regarding the optimization of the quality costs from a personal point of view. A special place is reserved to



the certifying quality management systems processes, including the certification's planning and preparation stages, following the methodology based on recent standards.

To ensure the strictness of the grounding of the decisions that lead to the raise of the quality at the resource, process and product level, the author uses a special chapter to develop issues regarding modern techniques and instruments used in the representation of data that are gathered during the production processes. Results of the statistical processing and data analyses stand as a base for these.

The second part treats the value engineering, the theoretical fundamentals of the domain and the methodology of applying the value engineering to the products being presented by the author. Using a rich reference material and his experience, professor PhD Ion Ionita accomplishes a complete study of the issues regarding value engineering proving special qualities regarding the exposure's clarity and the gradual approach that allows the detail study of complex issues bounded by the base principles of value engineering, as well as those regarding the stages for applying preparatory measures, the social need, the current situation's evaluation, product's design/redesign, the optimal solution, it's implementation and control.

The many figures and tables included in the book allow the understanding of the issues because the suggested examples create a representative image for each of the approached issues.

The bibliography selected by the author is representative and shows that this book joins a generous context that the Romanian specialists built in time, aligning the quality management problems at organization level to the newest tendencies from the specialty literature.

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<sup>1</sup> Vintila Bogdan graduated the Bucharest University of Economics, the Faculty of Cybernetics, Statistics and Economic Informatics. He is currently a PhD candidate in the field of Economic Informatics at University of Economics. He is interested in citizen oriented informatics applications, developing applications with large number of users and large data volumes, e-government, e-business, project management, applications' security and applications' quality characteristics.