

Optimization research of the technology development by the "Taguchi Methods"



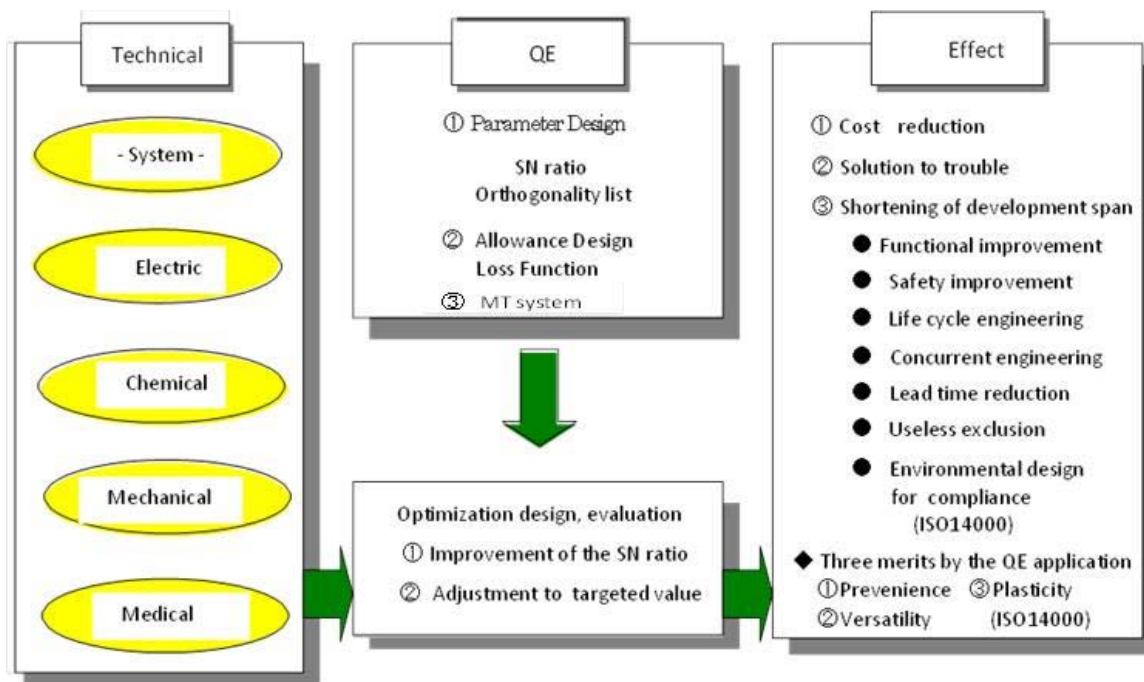
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Affiliations	Quality Engineering Society, Professional Engineering Japan Japan Society Design Engineering		
Keywords	Design of Experiments, Energy Conversion, Parameter Design, , MT system		
Technical Support Skills	<ul style="list-style-type: none"> Quality control technology of the production of "Taguchi Methods" process line by the application. New technology development, quality evaluation by the parameter design. Prediction, diagnosis, analysis technology with the MT system. 		

Research Contents Application of the "Taguchi Methods" in various part processing processes

QE is said to be one of "three kinds of sacred treasures" (QFD, TRIZ, Taguchi methods) in the efficiency of development, design process of manufacturing industry.

- The method of the technical evaluation that the Quality Engineering(QE) was developed by Dr. Gennichi Taguchi. It's called "Taguchi methods".
- It is the system of technique to optimize quality by evaluating the dispersion of the system function effectively.
- QE is placed with "strategy", and it may be said that it is methodology to propel the useful efficiency for all research and development in the technique.

About a quality evaluation method, the system of a technique, the product, in the following figures.:



Available Facilities and Equipment

Diagnosis analysis by the MT system exclusive software	
Quality evaluation by the parameter design software	
Flow analysis by the resin flow analysis software	