



<b>Research Title</b>	<b>Taguchi's Method for Engineering Quality Control</b>		
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#### Abstract

Taguchi method for engineering quality control is an experimental design for determining an optimal level of parameters made the least bend of average value from target value and low cost and apply this to the next operation. Experimental design selected by Taguchi is the fractional factorial design and applied to orthogonal array.

Data analyzed are depend on quality characteristics and noise factors. There are three groups of these.

1. Level analysis
2. Classified attribute analysis
3. Signal – to – noise ratio analysis. This group is classify into sub-groups of a smaller – the – better characteristic, a larger – the – better characteristic and nominal – the best characteristic.

Taguchi's method was applied for the industries experiment for reducing cost.