

Living without mathematical statistics: Accurate analysis, diagnosis, and prognosis based on the Taguchi method

Ruefer, Herbert, author

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=9999920521619&lokasi=lokal>

Abstrak

The underlying principles invented and developed by Dr. Genichi Taguchi (1924 - 2012), for the design of experiments or simulation calculations in multi-parameter systems, are today known as Taguchi Method. Due to the great success, it was extended to many other areas.

The book explains the basics of this method in as much detail as necessary and as simply and graphically as possible. The author shows how broad the current application spectrum is and for which different tasks it can be used. The application examples range from optimizing a fermentation process in biotechnology to minimizing costs in mechanical production and maintaining and improving competitiveness in industrial production.

The processes described are ideally suited to finding reliable and precise solutions for a wide variety of problems relatively quickly. A real competitive advantage not only in research but also for companies that want to remain competitive in international business competition.