

Capítulo 12:

Bibliografía

12 Bibliografía

Addelman, S. “*Symmetrical and asymmetrical fractional factorial plans*” *Tecnometrics*, Vol. 4. (1962)

Addelman, S. “*Some two-level factorial plans with confounding*” ”. *Tecnometrics*, Vol. 6. (1964)

Atkinson, A. C. “*Regression Diagnostics, Transformations and Constructed Variables (with Discussion)*”. *Journal of the Royal Statistical Society B44*. (1982)

Bergman, B. and Hynen, A. “*Dispersion Effects from unreplicated designs in the 2^{k-p} series*”. *Tecnometrics*, Vol. 39, 2. (1997)

Bérubé, J. And Wu, C. F. J. “*Signal-to-Noise Ratio and related measures in parameter designs*”. TR n° 321. Department of Statistics. The University of Michigan (1998)

Bisgaard, S. “*The Design and Analysis of $2^{k-p} \times 2^{q-r}$ Split Plot Designs*”. *Journal of Quality Technology*, Vol. 32, 1. (2000)

Bisgaard, S. and Ankenman, B. “*Analytic parameter design*”. *Quality Engineering*, Vol. 8, 1. (1995-6)

Box, G.E.P “*Off line Quality Control, Parameter design, and the Taguchi Method. Discussion* “. *Journal of Quality Technology*, Vol. 17, 4. (1985)

Box, G.E.P and Draper, N. R. “*Empirical Model-Building and Response Surfaces*”. New York: Wiley. 1987)

Box, G.E.P. and Fung, C. A. “*Some Considerations in Estimating Data Transformations*” Technical Summary Report 2609, University of Wisconsin-Madison, Mathematics Research Center. (1983)

Box, G .E. P., and Hill, W. J. “*Correcting Inhomogeneity of Variance With Power Transformation Weighting*”. *Technometrics*, Vol. 16 (1974)

Box, G. E. P., Hunter, W. G., and Hunter, J. S. “*Estadística para investigadores. Introducción al diseño de experimentos, análisis de datos y construcción de modelos*”. Ed. Reverté, S.A. (1988)

Box, G. E. P. and Jones, S. P. “*Designing Products that Are Robust to the Environment*”. Total Quality Management, Vol. 3 (1992)

Box, G.E.P and Meyer, R. D. “*Dispersion effects from fractional designs*”. Technometrics, Vol. 28, 1. (1986)

Box, G.E.P and Meyer, R. D. “*An analysis for unreplicated fractional factorials*”. Technometrics, Vol. 28. (1986)

Box, G.E.P. and Ramírez, J. “*Studies in quality improvement: Signal to noise ratios, performance criteria and statistical analysis: part II*”. Center for Quality and Productivity Improvement, Report N° 12. University of Wisconsin-Madison. (1986)

Box, G.E.P “*Signal-to-noise ratios, performance criteria and transformations*”. Technometrics, Vol. 30, 1. (1988)

Box, G.E.P “*Quality Quandaries. Split Plot Experiments*”. Quality Engineering, Vol. 8, 3. (1996)

Breyfogle, F. W. “*Implementing Six Sigma*”. New York:Wiley (1999)

Cox, D. R. “*Planning of Experiments*”, New York: Wiley (1958)

Daniel, C. “*Use of half-normal plots in interpreting factorial two-level experiments*”. Technometrics, 1. (1959)

Easterling, R. G. “*Off line Quality Control, Parameter design, and the Taguchi Method. Discussion*”. Journal of Quality Technology, Vol. 17, 4. (1985)

Fellner, W. H. “*Robust estimation of variance components*”. Technometrics, Vol. 28, 1. (1986)

Ferrer, A. J. and Romero, R. “*A sample method to study dispersion effects from non necessarily replicated data in industrial contexts*”. Quality Engineering, Vol. 7, 4. (1995)

Freund, R. A. “*Off line Quality Control, Parameter design, and the Taguchi Method. Discussion*”. Journal of Quality Technology, Vol. 17, 4. (1985)

Fuller, H. T. And Bisgaard, S. “*A Comparison of Dispersion Effect Identification Methods for Unreplicated Two-Level Factorials*”. Report No. 132. Center for Quality and Productivity Improvement. UW-Madison. (1996)

Fung, C. A. “*Statistical topics in off-line quality control*”. PHD. Department of Statistics. University of Madison-Wisconsin (1986)

Grego, J. “*Generalized linear models and process variation*”. Journal of Quality Technology, Vol 25, 4. (1993)

Grima, P. “*Aportaciones metodológicas al diseño de productos robustos*”. Tesis Doctoral. Universitat Politècnica de Catalunya. (1993)

Gunter, B. “*A perspective on the Taguchi Methods*”. Quality Progress, Vol. 20, 6. (1987)

Hamada, M. and Nelder, J. A. “*Generalized Linear Models for Quality-Improvement Experiments*”. Journal of Quality Technology, Vol. 29, 3. (1997)

Harry, M. and Schroeder, R. “*Six Sigma: the Breakthrough Management Strategy Revolutionizing the World's Top Corporations*”. Currency, (2000)

Hurley, P.D. “*The conservative nature of the effect sparsity assumption for saturated fractional factorial experiments*”. Quality Engineering, Vol. 7, 4. (1995)

Hurley, P.D. “*Interactions: ignore them at your own risk (How Taguchi's confirmation run strategy can lead to trouble)*”. Quality Engineering, Vol. 6, 3. (1994)

Jones, S. P. “*Designs for minimizing the effect of environmental variables*”. PHD. Department of Statistics. University of Madison-Wisconsin (1990)

Kackar, R.N. “*Off line Quality Control, Parameter design, and the Taguchi Method.*”. Journal of Quality Technology, Vol. 17, 4. (1985)

Lawson, J. and Helps, R. “*Detecting undesirable interactions in robust design experiments*”. Quality Engineering, Vol. 8, 3. (1996)

Leon, R., Shoemaker, A.C. and Kackar, R. “*Performance Measures Independent of Adjustment: An Explanation and Extension of Taguchi's Signal-to-Noise Ratios (with response)*”. Technometrics, Vol. 29 (1987)

Lorenzen, T. “*Taguchi's parameter design: a panel discussion.*”. Technometrics, Vol. 34, 2. (1992)

Lucas, J. M. “*Off line Quality Control, Parameter design, and the Taguchi Method. Discussion* “. Journal of Quality Technology, Vol. 17, 4. (1985)

Lucas, J. M. “*How to achieve a robust process using response surface methodology*”. Journal of Quality Technology, Vol. 26, 4. (1994)

Maghsoodloo, S. “*The exact relation of Taguchi’s signal-to-noise ratio to his quality loss function*”. Journal of Quality Technology, Vol. 22, 1. (1990)

Marsh, Moran, Nakui and Hoffher “*Facilitating and Training in Quality Function Deployment*”. GOAL/QPC, Primera Edición. (1991)

Miller, A., Sitter, R. R., Wu, C. F. J. and Long, D. “*Are large Taguchi-style experiments necessary? A reanalysing of gear and pinion data*”. Quality Engineering, Vol. 6, 1. (1993)

Miller, A. and Wu, C. F. J. “*Improving a Calibration System through Designed Experiments*” (in press)

Montgomery, D. C. “*Using fractional factorial designs for robust process development*”. Quality Engineering, Vol. 3, 2. (1990)

Myers, R. H., Khuri, A. I. And Vining, G. “*Response surface alternatives to the Taguchi robust parameter design approach*”. The American Statistician, Vol. 46, 2. (1992)

Nair, V. N. and Pregibon, D. “*Analyzing dispersion effects from replicated factorial experiments*”. Technometrics, Vol. 30, 3. (1988)

Nair, V. N. and Pregibon, D. “*Signal-to-noise ratios, performance criteria and transformations. Discussion*”. Technometrics, Vol. 30, 1. (1988)

Nair, V.N. and panel discussants: Abraham, B. and Mackay, J.; Box, G. E.P.; Kacker, R. N.; Lorenzen, T. J.; Lucas, J. M.; Myers, R. H. And Vining, G.G.; Nelder, J.A.; Phadke; M. S.; Sacks, J. and Welch, W. J.; Shoemaker, A. C. And Tsui, K. L.; Taguchi, S.; Wu, C. F. J. “*Taguchi’s parameter design: a panel discussion.*”. Technometrics, Vol. 34, 2. (1992)

Pande, P. S., Neuman, R. P. and Cavanagh, R. R. “*The Six Sigma Way*”. McGraw Hill. (2000)

Pignatiello, J. J. Jr. and Ramberg, J. S. “*Off line Quality Control, Parameter design, and the Taguchi Method. Discussion* “. Journal of Quality Technology, Vol. 17, 4. (1985)

Sacks, J. and Welch, W. J. “*Taguchi’s parameter design: a panel discussion.*”. Technometrics, Vol. 34, 2. (1992)

Shoemaker, A. C., Tsui, K. “*Taguchi’s parameter design: a panel discussion.*”. Technometrics, Vol. 34, 2. (1992)

Shoemaker, A. C., Tsui, K. and Wu, C. F. J. “*Economical Experimentation methods for robust design*”. Technometrics, Vol. 33, 4. (1991)

Steinberg, D. M. and Bursztyn “*Dispersion effects in robust-design experiments with noise factors*”. Journal of Quality Technology, Vol 26, 1. (1994)

Taguchi, G. “*Introduction to Quality Engineering. Designing Quality Into Products and Processes*”, White Plains, NY: Kraus International Publications.(1986)

Taguchi, G. and Wu, Y. “*Introduction to Off-Line quality Control*”. Nagaya, Japan: Central Japan Quality Control Association. (1980)

Taguchi, G. “*System of Experimental Design*”. White Plains, NY: Unipub/Kraus International Publications. (1987)

Ullman, N. R. “*Signal-to-noise ratios, performance criteria and transformations. Discussion*”. Technometrics, Vol. 30.,(1988)

Wang, P. C. “*Tests for Dispersion Effects from Orthogonal Arrys*”. Computational Statistics and Data Analysis, Vol. 8. (1989)

Welch, W. J., Yu, T. K., Kang, S. M., and Sacks, J. “*Computer Experiments for Quality Control by Parameter Design*”. Journal of Quality Technology, Vol. 22. (1990)

Wu C. F. J. and Hamada, M. “*Experiments. Planning, Analysis and Parameter Design Optimization*”. New York: Wiley, (2000)

Wu, C. F. J. and Zhu, AND. “*Optimal Selection of Single Arrays in Parameter Design Experiments*”. Technical Report, Department os Statistics, University of Michigan. (1999)

Wu, Y. and Wu, A. “*Diseño robusto utilizando los métodos de Taguchi*”. Ed. Díaz de Santos. (1997)

Zunica, L. R. y Romero, R. “*Un modelo para el estudio de efectos sobre la dispersión en ausencia de replicaciones*”. Estadística Española, 116 (1987)