

## Irodalom

- Adler, Ju. P.; Markova, E. V.; Grandovszkij, Ju. V. (1977). *Kísérletek tervezése optimális feltételek meghatározására*. Budapest: Műszaki Könyvkiadó.
- Agresti, A. (2019). *An introduction to Categorical Data Analysis* (3rd ed.). Wiley.
- Anghel, C. (2001). Statistical Process Control Methods from the Viewpoint of Industrial Application. *Economic Quality Control*, 16(1), 49–63.
- ANSI/ASQ Z1.4:2003 (R2018) Sampling Procedures and Tables for Inspection by Attributes. 2003, 2018.
- ANSI/ASQ Z1.9-2003 (R2018) Sampling Procedures and Tables for Inspection by Variables for Percent Nonconforming. (2003; 2018).
- Automotive Industry Action Group, AIAG. (2005). *Statistical Process Control* (2nd ed.).
- Automotive Industry Action Group, AIAG. (2006). Production Part Approval Process, PPAP.
- Automotive Industry Task Force, AIAG. (2010). Measurement System Analysis, Reference Manual. Retrieved 1990, 1995, 2002.
- Banks, J. (1989). *Principles of quality control*. J. Wiley and Sons.
- Bhote, K. R. (1988). *World class quality (Design of experiments made easier, more cost effective than SPC)*. American Management Association, Membership Publication Division.
- Bisgaard, S.; Sutherland, M. (2003). Split Plot Experiments: Taguchi's Ina Tile Experiment Reanalyzed. *Quality Engineering*, 16, 157–164.
- Bothe, D. R. (1997). *Measuring Process capability*. McGraw-Hill.
- Box, G. E. P. (1988). Signal-to-Noise Ratios, Performance Criteria, and Transformations. *Technometrics*, 30, No. 1, 1–17.
- Box, G. E. P.; Jones, S. (1992). Split-plot designs for robust parameter experimentation. *Journal of Applied Statistics*, 19, 3–25.
- Box, G. E., Kramer, T. (1992). Statistical process monitoring and feedback adjustment: a discussion. *Technometrics*, 34(3), 251–267.
- Box, G. E., Hunter, W. G., Hunter, J. S. (1978; 2005). *Statistics for experimenters: An Introduction to Design, Data Analysis, and Model Building*. J. Wiley and Sons.
- British Pharmacopoeia Commission. (1980). *British pharmacopoeia*.
- Burdick, R. K., Allen, A. E., Larsen, G. A. (2002, January). Comparing Variability of Two Measurement Processes Using R&R Studies. *Journal of Quality Technology*, 34.
- Daniel, C. (1976). *Application of Statistics to Industrial Experimentation*. J. Wiley and Sons.
- De Mast, J., Trip, A. (2005). Gauge R&R Studies for Destructive Measurements. *Quality Technology*, 37, 40–49.
- Deming, W. E. (1945). *Statistical adjustment of data*. Wiley and Sons.
- Deming, W. E. (1986). *Out of the Crisis* (2000 ed.). MIT Center for Advanced Engineering Study.

- Deming, W. E. (1994). *The New Economics for Industry, Government, Education* (2nd ed.). Massachusetts Inst Technology.
- Dietrich, E.; Schulze, A. (1999). *Statistical Procedures for Machine and Process Qualification*. ASQ Quality Press.
- Does, R. J., Roes, C. B., Trip, A. (1999). *Statistical Process Control in Industry*. Springer.
- Dózsa, Z. (2018. szeptember 8.). Vizuális minőség-ellenőrzések képessége. *Előadás az EOQ MNB 6 szigma szakkbizottságában*. Budapest.
- Duncan, A. J. (1974). *Quality control and industrial statistics*. Homewood, Ill., R. D. Irwin.
- Evans, D. H. (1974). Statistical Tolerancing: The State of the Art. *Journal of Quality Technology*, 6 (4), 188–195. doi:10.1080/00224065.1974.11980646.
- Fehér N. (2018). *A Lean Six Sigma folyamatfejlesztés kézikönyve*. Zalaegerszeg: Cash Flow Navigátor.
- Feller, W. (1978). *Bevezetés a valószínűségszámításba és alkalmazásaiba*. Budapest: Műszaki Könyvkiadó.
- Fisher, R. A. (1921). On the 'probable error' of a coefficient of correlation deduced from a small sample. *Metron*(1), 3–32.
- Fisher, R. A. (1936). Has Mendel's work been rediscovered? *Annals of Science*, 2.
- Grant, E. L., Leavenworth, R. S. (1988). *Statistical Quality Control*. McGraw-Hill.
- Hajtman B. (2012). *Bevezetés a biostatistikába. Nem csak orvosoknak*. Edge 2000 Kft.
- Hallmann, M.; Schleich, B.; Wartzack, S. (2020). From tolerance allocation to tolerance-cost optimization: a comprehensive literature review. *The International Journal of Advanced Manufacturing Technology*, 107, 4859–4912.
- Harry, M. (1994). *The Vision of Six Sigma: A Roadmap for Breakthrough*. Sigma Publishing.
- Harry, M.; Schroeder, R. (2000). *Six Sigma: The Breakthrough Management Strategy Revolutionizing Corporations*. New York: Doubleday.
- Harter, H. L. (1960, December). Tables of range and studentized range. *The Annals of Mathematical Statistics*, Table 1.
- Hastie, T.; Tibshirani, R.; Friedman, J. H. (2009). *The elements of statistical learning: data mining, inference, and prediction* (2nd ed.). New York: Springer.
- Herman, J. T. (1989). Capability Index: Enough for Process Industries? *ASQC Quality Congress Transactions*, 92–104.
- Hoerl, R., Snee, R. (2012). *Statistical Thinking: Improving Business Performance* (2nd ed.). Wiley and Sons.
- International Automotive Task Force, IATF. (2016). IATF 16949:2016 Quality Management System for Automotive Production and Relevant Services Parts Organizations.
- International Council for Harmonisation of Technical Requirements for Pharmaceuticals for Human Use. (2009). *Pharmaceutical Development Q8 (R2)*.
- ISO 22514-2:2017 Statistical methods in process management – Capability and performance – Part 2: Process capability and performance of time-dependent process models. (2017).
- ISO 2859-1. (2008).

- ISO 2859-10:2006. (2006). Sampling procedures for inspection by attributes – Part 10: Introduction to the ISO 2859 series of standards for sampling for inspection by attributes.
- ISO 3951-1:2013 (2013). Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL. Part 1.
- ISO 3951-2: 2013 (2013). Sampling procedures for inspection by variables – Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics. Part 2.
- ISO/TR 8550:2007. (2007). Guidance on the selection and usage of acceptance sampling systems for inspection of discrete items in lots. Part 1: Acceptance sampling; Part 2: Sampling by attributes; Part 3: Sampling by variables.
- Joiner, B. (1994). *Fourth Generation Management*. Amazon.
- Joint Committee for Guides in Metrology, (JCGM/WG 1). (2008). JCGM 100:2008 – GUM 1995 with minor corrections, Evaluation of measurement data – Guide to the expression of uncertainty in measurement.
- Juran, J. M. (1992). *Juran on Quality by Design: The New Steps for Planning Quality into Goods and Services*. Free Press.
- Juran, J. P.; Godfrey, A. B. (1998). *Juran's Quality Handbook* (5th ed.). McGraw-Hill.
- Karinthy, F. (2017). *100 új humoreszk: Szabadalmi irodám* (elektronikus). Budapest: Magyar Elektronikus Könyvtárért Egyesület.
- Kelly, H. W., Drury, C. G. (2002). Sociotechnical Reasons for the De-evolution of Statistical Process Control. *Quality Management Journal*, 9 (1).
- Kemény S., Deák A., Lakné Komka K., Kunovszki P. (2017). *Kísérletek tervezése és értékelése*. Budapest: Typotex.
- Kemény S., Deák A., Lakné Komka K., Kunovszki P. (2017k). *Kísérletek tervezése és értékelése*, kiegészítő kötet. Budapest: Typotex.
- Kotz, S., Johnson, N. L. (1993). *Process Capability Indices*. Chapman & Hall.
- Kotz, S.; Lovelace, C. R. (1998). *Process Capability Indices in Theory and Practice*. London: Arnold.
- Kövesi J., Topár J. (2006). *A minőségmenedzsment alapjai*. Budapest: Typotex.
- Krénsz, J. (1994). *Alkatrészgyártás minőségjavító és minőségirtó szabályozása*. BME Ipari Management és Vállalkozásgazdaságtan Tanszék, Minőségsszabályozási szakmérnöki szak, Témavezető: dr. Papp László.
- Krishnamoorthy, K; Peng, J. (2014). Approximate one-sided tolerance limits in random effects model and in some mixed models and comparisons. *Journal of Statistical Computation and Simulation*.
- León, R., Shoemaker, A., Kacker, R. (1987). Performance Measures Independent of Adjustment: An Explanation and Extension of Taguchi's Signal-to-Noise Ratios. *Technometrics*, 29 (3), 253–265.
- Lukács O. (1987). *Matematikai statisztika. Példatár*. Budapest: Műszaki Könyvkiadó.
- Meszéna Gy., Zierman M. (1981). *Valószínűségelmélet és matematikai statisztika*. Budapest: Közgazdasági és Jogi Könyvkiadó.
- Montgomery, D. C. (2013). *Introduction to statistical quality control* (7th ed.). J. Wiley and Sons.

- Montgomery, D. C. (2015, April). Discussion. *Journal of Quality Technology*, 47 (2), 105–106.
- MSZ ISO 2859-1:2008 Minősítéses ellenőrzések mintavételi eljárásai. 1. rész: A tételenkénti ellenőrzés átvételi hibaszinttel (AQL) megkülönböztetett mintavételi programjai. (2008). *Sampling procedures for inspection by attributes. Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*.
- MSZ ISO 2859-2:2020 Minősítéses ellenőrzések mintavételi eljárásai. 2. rész: Egyedi tételek ellenőrzésének visszautasítási hibaszinttel (LQ) jelzett mintavételi tervei. (2020). *Sampling procedures for inspection by attributes. Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection*.
- National Measurement & Regulation Office. (2006). Weights and Measures (Packaged Goods) Regulations.
- NFGM-FVM. (2008). 13/2008. (VIII. 8.) Rendelet az előrecsomagolt termékek névleges mennyiségére vonatkozó szabályok megállapításáról és azok ellenőrzési módszereiről.
- Owen L. Davies, M. P. (Ed.). (1954). *Design and Analysis of Industrial Experiments*. London and Edinburgh: Oliver and Boyd (for Imperial Chemical Industries Ltd.).
- Pan, J.-N., Jianbiao, P. (2009, February). Optimization of engineering tolerance design using revised loss function. *Engineering Optimization*, 41 (2), 99–118.
- Papp, L.; Róth, P.; Németh, L. (1992). *Statisztikai módszerek a minőségbiztosításban*. Budapest: Consact.
- Pearn, W. L., Kotz, S. (2006). *Encyclopedia and Handbook of Process Capability Indices, A Comprehensive Exposition of Quality Control Measures*. World Scientific Publishing.
- Pignatiello, J. J.; Ramberg, J. S. (1985). Discussion. *Journal of Quality Technology*, 17 (4), pp. 198–206.
- Prékopa A. (1980). *Valószínűségelmélet műszaki alkalmazásokkal*. Budapest: Műszaki Könyvkiadó.
- Pusztai, É.; Kemény, S. (2020). Process capability indices when two sources of variability present, a tolerance interval approach. *Journal of Chemometrics*, 34.
- Pyzdek, T. (1990). *Pyzdek's guide to SPC. Volume I. (Fundamentals)*. Quality Publishing, Inc.
- Pyzdek, T. (1992). *Pyzdek's guide to SPC, Volume 2. (Applications and special topics)*. Quality Publishing, Inc.
- Pyzdek, T. (2003). *Quality Engineering Handbook* (2nd ed.). (P. A. Keller, Ed.) Marcel Dekker.
- Pyzdek, T. (2010). *The Six Sigma Handbook, Revised and Expanded, A Complete Guide for Green Belts, Black Belts, and Managers at All Levels* (3rd ed.). McGraw-Hill.
- Q-DAS. (2000, August). Technical Report.
- Quinlan, J. (1985). Product Improvement by Application of Taguchi Methods. *American Supplier Institute News*, 11–16.
- Rahman, M.; Rahman, R.; Pearson, L. M. (2007). Quantiles of finite mixtures of normal distributions. *International Journal of Mathematical Education in Science and Technology*.

- Reimann J. (1992). *Valószínűségelmélet és matematikai statisztika mérnököknek*. Budapest: Tankönyvkiadó.
- Rényi A. (1966). *Valószínűségszámítás*. Budapest: Tankönyvkiadó.
- Runger, G. (2020). *Multiple Stream Processes*. Quality America. Retrieved from [https://qualityamerica.com/LSS-Knowledge-center/statisticalprocesscontrol/multiple\\_stream\\_processes.php](https://qualityamerica.com/LSS-Knowledge-center/statisticalprocesscontrol/multiple_stream_processes.php)
- Ryan, T. P. (2011). *Statistical methods for quality improvement* (3rd ed.). J. Wiley and Sons.
- Sarkadi K.; Vincze I. (1974). *Mathematical methods for quality control*. Budapest: Akadémiai Kiadó.
- Schaeffers, M. (2017). Manage control limits when implementing Statistical Process Control. ISixSigma. Retrieved from <https://www.isixsigma.com/tools-templates/control-charts/manage-control-limits-when-implementing-statistical-process-control/>
- Schindwein, W. S.; Gibson, M. (2018). *Introduction to Quality by Design (QbD)*. Wiley & Sons.
- Sheppard, W. (1898). On the calculation of the most probable values of frequency constants for data arranged according to equidistant divisions of a scale. *Proceedings of the London Mathematical Society*, 29, 353-380.
- Shewhart, W. (1931). *Economic control of quality of manufactured product*. Milwaukee, Wisconsin: ASQC.
- Spiring, F. (1991). An alternative to Taguchi's loss function. *Annual Quality Congress Transactions* 660-665. ASQC.
- Taguchi, G. (1986.). *Introduction to quality engineering: Designing Quality into Products and Processes*. Tokyo: Asian Productivity Organization.
- Taguchi, G.; Elsayed, E. A.; Hsiang, T. C. (1989). *Quality Engineering in Production System*. McGraw-Hill.
- Tenner, A. R., & DeToro, I. J. (1996). *Teljes körű minőségmenedzsment*. Budapest: Műszaki Könyvkiadó.
- Tenner, A. R.; DeToro, I. J. (1992). *Total Quality Management*. Addison-Wesley.
- The amazing Horwitz function: AMC Technical Brief No.17 July 2004.
- Thompson, M. (Ed.). (2004, July). The amazing Horwitz function. *AMC Technical Brief*, 17.
- Tukey, J. (1959). A quick, compact, two-sample test to Duckworth's Specifications. *Technometrics*, 1, 31-49.
- Vágó, E. (2011). *PhD-értekezés*. BME.
- Vágó, E., & Kemény, S. (2011). Critique of the AIAG cross-tabulation procedure for attribute gauge R& R study. *Int. J. Quality Engineering and Technology*, 2(1).
- Vander Wiel, S. A., Tucker, W. T., Faltin, F. W., Doganaksoy, N. (1992). Algorithmic statistical process control: concepts and an application. *Technometrics*, 34 (3), 286-297.
- Vincze I. (1975). *Matematikai statisztika ipari alkalmazásokkal* (2nd ed.). Budapest: Műszaki Könyvkiadó.
- Voelkel, J. G. (2019). Frontiers of Quality: Something's Missing. *Statistics Digest*, 38 (2), 35.

- Western Electric, C. (1956; 1982). *Statistical Quality Control Handbook*. Western Electric Co.
- Wheeler, D. J. (2000a). *A modest proposal*. SPC Press.
- Wheeler, D. J. (2000b). *Understanding Variation: The Key to Managing Chaos* (2nd ed.). SPC Press.
- Wheeler, D. J. (2006a). *EMP III (Evaluating the Measurement Process) Using Imperfect Data*. SPC Press.
- Wheeler, D. J. (2006b). An Honest Gauge R&R Study. ASQ/ASA. Retrieved January 2009
- Wheeler, D. J. (2009). Two Definitions of Trouble: Lead us not into the Cycle of Despair. *Quality Digest*.
- Wheeler, D. J. (2017, March 6). The Three-Way Chart: Some data structures need more than an average and range chart. *Quality Digest*.
- Wheeler, D. J. (2019). The Normality-Myth. *Quality Digest*.
- Wu, Y.; Wu, A. (2000). *Taguchi methods for robust design*. ASME Press.