BIBLIOGRAPHY

Bai, D. S. and Choi, I. S. (1997). Process capability indices for skewed populations. *Manuscripr*, Korea Advanced Institute of Science and Technology, Taejon, Korea.

Bissell, A. F. (1990). How reliable is your capability index? *Applied Statistics*, 39(3), 331-340.

Boyles, R. A.(1991). The Taguchi capability index. *Journal of Quality Technology*, 23(1), 17-26.

Chan, L. K.; Cheng, S. W. and Spiring, F. A. (1988). A new measure of process capability: C_{pm}. *Journal of Quality Technology*, 20(3), 162-173.

Chan, L. K.; Xiong, Z. and Zhang, D. (1990). On the asymptotic distributions of some process capability indices. *Communication in Statistics – Theory and Methods*. 19(1), 11-18.

Cheng, S. W. and Spiring, F. A. (1989). Assessing process capability : A Bayesian approach. *IIE Transactions*.21, 97-98.

Chou, Y-M. and Owen, D. B. (1984). One-sided confidence regions

on the upper and lower tail areas of the normal distribution. *Journal of Quality Technology.* 16, 150-158.

Chou, Y-M.; Owen, D. B. and Borrego, S. A. (1990). Lower confidence limits on process capability indices. *Journal of Quality Technology.* 22(3), 223-229.

Clements, J. A. (1989). process capability calculations for non-normal distributions. *Quality Progress.* Sept. 95-100.

Franklin, L. A. and Wasserman, G. S. (1992). Bootstrap lower confidence limits for capability indices. *Journal of Quality Technology.* 24(4), 196-210.

Franklin, L. A. and Wasserman, G. S. (1992a). A note on the conservative nature of the tables of lower confidence limits for C_{pk} with a suggested correction. *Communication in statistics - Simul.*

Gunter, B. H. (1989). The use and abuse of C_{pk}. *Quality Progress.* 22(1), 72-73.

Govaerts, B. (1994). Private communication to S. Kotz.

Hsiang, T. C. and Taguchi, G. (1985). A tutorial on quality control and assurance - The Taguchi methods. *ASA Annual*

Meeting. Las Vegas, Nevada.

Johnson, N. L. and Kotz, S. (1970a) *Continuous Univariate Distributions - 1.* John Wiley and Sons, New York.

Johnson, N. L. and Kotz, S. (1970b) *Continuous Univariate Distributions - 2.* John Wiley and Sons, New York.

Johnson, N. L. and Kotz, S. (1995). Comment on: Percentage of units within specification limits associated with given values of C_{pk} and C_{pm}. *Communication in Statistics - simul.* 24.

Juran, J. M.; Gryna, F. M. and Bingham, R. S. Jr. (1974). *Quality Control Handbook.* McGraw - Hill, New York.

Kane, V. E. (1986). Process capability indices. *Journal of Quality Technology.* 18(1), 41-52.

Kocherlakota, S. (1992). Process capability index: recent developments. *Sankhya: The Indian Journal of Statistics,* 54(B), Pt. 3, 352-369.

Kotz,S.; Pearn, W. and Johnson, N. L. (1993). Some process capability indices are more reliable than one might think. *Applied Statistics,* 42, 55-62.

Kotz, S. and Johnson, N. L. (1993). *Process Capability Indices*, Chapman and Hall, London.

Kotz, S. and Lovelace C. R. (1998). *Process Capability Indices in Theory and Practice*, Arnold, London.

Kushler, R. and Hurley, P. (1992). Confidence bounds for capability indices. *Journal of Quality Technology*, 24(4), 188–195.

Leone, F. C.; Nelson, L. S. and Nottingham, R. P. (1961). The folded normal distribution. *Technometrics*, 3, 543–550.

Marcucci, M. O. and Beazley, C. F. (1988). Capability indices: Process performance measures. *Trans. ASQC Congress, 516–523.*

Montgomery, D. C. (1996). *Introduction To Statistical Quality Control*, 3rd edn. John Wiley and Sons, New York.

Munechika, M. (1986). Evaluation of process capability for skew distributions. *Proc. 30th EOQC Conf.*, Stockholm, 383–390.

Patnaik, P. B. (1949). The non-normal chi-square and F-distributions and their applications. *Biometrika,* 36, 202–232.

Pearn, W. L.; Kotz, S. and Johnson, N. L. (1992). Distributional

and inferential properties of process capability indices. *Journal of Quality Technology.* 24(4), 216-231.

Press, S. J. (1966). Linear combinations of non-central chi-square variates. *Annals of Mathematical Statistics*, 37, 480-487.

Rohatgi, V. K. (1976). *An Introduction To probability Theory and Mathematical Statistics*, Wiley Eastern Limited.

Sarkar, A. and Pal, S. (1997). Estimation of process capability index for concentricity. *Quality Engineering*, 9(4), 665-671.

Spiring, F. A. (1997). A unifying approach to process capability indices. *Journal of Quality Technology*, 29(1), 49-58.

Subbaiah, P.and Taam, W. (1993). Inference on the capability index: C_{pm}. *Communication in Statistics – Theory and Method*, 22(2), 537-560.

Sundaraiyer, V. H. (1996) Estimation of a process capability index for inverse Gaussian distributions. *Communication in Statistics, Theory and Methods,* 26(10), 2381-2396.