

DAFTAR PUSTAKA

- Amand, T., Heyen G., and Kalitventzoff, B., 2001, "Plant monitoring and fault detection; Synergy between data reconciliation and principal components analysis", *Computer and Chemical Engineering*, 25, 501-507.
- Al-Khafidh, 2003, *Pengembangan Inferential Model Untuk Memonitor Dan Mendiagnosis Proses Berbasis Statistik Multivariate*, Tugas Akhir, Program Studi Teknik Industri, Universitas Gadjah Mada.
- Besterfield, D.H., 1994, *Quality Control*, Prentice-Hall, Inc., New Jersey.
- Chen, J., and Liu, J., 2001, "Derivation of function space analysis based PCA control charts for batch process monitoring", *Chemical Engineering Science*, 56, 3289 - 3304.
- Chen, J., and Liu, K. C., 2002, "On-line batch process monitoring using dynamic PCA and dynamic PLS models", *Chemical Engineering Science*, 57, 63 - 75.
- Dajan, A., 1986, *Pengantar Metode Statistik*, PT Pustaka LP3ES, Jakarta.
- Devor, R. E., Chang, T. H., and Sutherland, J. W., 1992, *Statistical Design and Control: Contemporary Design Methods*, MacMillan Publishing Company, New York.
- Duchesne, C., and MacGregor, J. F., 2000, "Multivariate analysis and optimization of process variabel trajectories for batch processes", *Chemometrics and Intellegent Laboratory Systems*, 51, 125 - 137.

Gilmour, J., and Wang, L., 2002, "Detection of process abnormality in food extruder using principle component analysis", *Chemical Engineering Science*, 57, 1091 - 1098.

Grover, E. B., and Hamby, D. S., 1960, *Handbook of Textile Testing and Quality Control*, John Wiley & Sons, Inc., New York.

Hamilton, D.J., Mcquenn, J., and Sandham, W.A., 1999, "Improved PCA Based Electrocardiogram Data Compression Using Variable Length Asymetric Beat Vectors", *Applied Sig Process*< 6, 194-202.

Hartanto, N.S., dan Watanabe, S., 1979, *Teknologi Tekstil*, PT Pradnya Paramita, Jakarta.

Ishikawa, K., 1985, *Pengendalian Mutu Terpadu*, PT Remaja Rosdakarya, Bandung.

Jackson, J. E., 1991, *A User's Guide to Principal Components*, John Wiley & Sons, Inc., New York.

Jackson, J.E., 1980, "Principal Components and Factor Analysis: Part I - Principal Components ", *Journal of Quality Technology*, 12, , 201 - 213.

Jaeckle, C. M., and MacGregor, J. F., 1998, "Product Design through Multivariate Statistical Analysis of Proces Data", *AIChE Journal*, Vol. 44, No. 5, 1105 - 1118.

Johnson, R.A., 2002, *Applied Multivariate Statistical Analysis*, Prentice Hall, Inc., New Jersey.

Kano, M., Hasebe, S., Hashimoto, I., and Ohno, H., 2001, "A new multivariate statistical process monitoring method using principal components analysis", *Computers and Chemical Engineering*, 25, 1103 - 1113.

Kesavan, P., and Lee, J. H., 2001, "A set approach to detection and isolation of faults in multivariable systems", *Computers and Chemical Engineering*, 25, 925 – 940.

Kourti, T., and MacGregor, J.F., 1995, "Process analysis, monitoring and diagnosis, using multivariate projection methods", *Chemometrics and Intelligent Laboratory Systems*, 28, 3 - 21.

Kresta, J. V., MacGregor, J. F., and Marlin, T. E., 1991, "Multivariate Statistical Monitoring of Process Operating Performance", *The Canadian Journal of Chemical Engineering*, Vol. 69, 35 – 47.

Louwerse, D. J., and Smilde, A. K., 2000, "Multivariate statistical process control of batch processes based on three-way models", *Chemical Engineering Science*, 55, 1225 - 1235.

Mizuno, S., 1994, *Pengendalian Mutu Perusahaan Secara Menyeluruh*, Pustaka Binaman Perssindo, Jakarta.

Mulyadi, 1998, *Total Quality Management*, Aditya Media, Yogyakarta.

Nomikos, P., and MacGregor, J. F., 1994, "Monitoring Batch Processes Using Multiway Principal Components Analysis", *AICHE Journal*, Vol. 40, No.85, 1361 – 1375.

Oakland, J.S., 1993, *Total Quality Management*, Butterworth-Heinemann, Inc., Oxford.

- Piwowar, J.M., Derksen, C.P., and Ledrew, E.F., 2001, "Principal Components Analysis of the Variability of Northern Hemisphere Sea Ice Concentration: 1979-1999", *Proceeding Canadian Symposium on Remote Sensing*, 619-628.
- Ristanto, 2003, *Penerapan Metode Principal Components Analysis Pada Multivariate Statistical Process Control*, Tugas Akhir, Program Studi Teknik Industri, Universitas Gadjah Mada.
- Santoso, S., 2002, *Buku Latihan SPSS Statistik Multivariat*, PT Elex Media Komputindo, Jakarta.
- Shalem, S. L., Haimovitch1, N., Shauly, E. N., and Lewin, D. R., 2000, *Fault Detection in CMOS Manufacturing Using MBPCA*, SPIE, Israel.
- Sharma, S., 1996, *Applied Multivariate Techniques*, John Wiley & Sons, Inc., Canada.
- Subagyo, 2003, "Penerapan Metode Statistik Multivariate di Industri", *Prosiding Seminar Nasional: Perkembangan Riset dan Teknologi di Bidang Industri*, 252-257.
- Wachs, A., and Lewin, D. R., 1999, "Improved PCA Methods for Process Disturbance and Failure Identification", *AICHE Journal*, Vol. 45, No. 8, 1688 – 1700.
- Walpole, R.E., 1982, *Pengantar Statistik*, PT Gramedia, Jakarta.