

### **International Journals**

- Detroja K. P., Gudi R. D., Patwardhan S. C. & Roy K. (2006), Fault Detection and Isolation using Correspondence Analysis, *Ind. & Eng. Che. Res.*, 45(1), 223-235.
- Detroja K. P., Gudi R. D. & Patwardhan S. C. (2006), A Possibilistic Clustering Approach to Novel Fault Detection and Isolation, *J. of. Process Control*, 16, 1055-1073.
- Detroja K. P., Gudi R. D. & Patwardhan S. C. (2007), Plant-wide Detection and Diagnosis using Correspondence Analysis, *Con. Eng. Prac.*, 15(12), 1468-1483.

### **International Conferences**

- Detroja K. P., Garge S. C., Gou Q., Ogunnaike B. A. (2009), Customer Feedback Controller Design and Implementation, AIChE 2009 Annual Meeting, Tennessee, USA.
- Khare S. R., Bavdekar V. A., Kadu S. C., Detroja K. P. & Gudi R. D. (2007), Scaling and Discrimination Issues in Monitoring Fault Detection and Diagnosis, 8<sup>th</sup> International symposium on Dynamics and Control of Process Systems (DYCOPS-2007), Cancun, Mexico.
- Detroja K. P., Gudi R. D. & Patwardhan S. C. (2006), Fault Diagnosis using Correspondence Analysis: Implementation Issues and Analysis, IEEE International Conference on Industrial Technology (ICIT-2006), Mumbai, India
- Detroja K. P., Gudi R. D. & Patwardhan S. C. (2006), Fault Detection using Correspondence Analysis: Application to Tennessee Eastman Challenge Problem, IFAC International symposium on Advanced Control of Chemical Processes (ADCHEM '06), Gramado, Brazil.
- Detroja K. P., Gudi R. D. & Patwardhan S. C. (2006), Diagnosis of Faults with Varying Intensities using Possibilistic Clustering and Fault Lines, IFAC International Symposium on Advanced Control of Chemical Processes (ADCHEM '06), Gramado, Brazil.
- Detroja K. P., Gudi R. D., & Patwardhan S. C. (2005), Fault Detection and Isolation using Correspondence Analysis, 16<sup>th</sup> IFAC world congress, Prague.
- Barve J. J. and Detroja K. P. (2001), Embedded Simulation of FOPTD and Second Order Systems, presented at the international conference on Control, Instrumentation and Information Communication (CIIC-2001), Kolkata, India.
- Barve J. J. and Detroja K. P. (2001), Embedded Simulation of Uncertain FOPTD System, presented at International Conference on Quality, Reliability and Control (ICQRC-2001), Mumbai, India.

### **National Conferences**

- Detroja K. P., Gudi R. D., & Patwardhan S. C. (2005), Analysis of Discrimination Methods for Fault Detection and Diagnosis, presented at National Conference on Control and Dynamic Systems – 2005 (NCCDS'05), Mumbai, India.