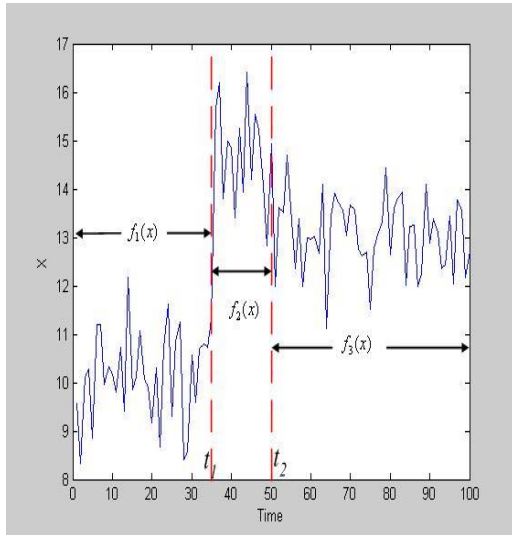
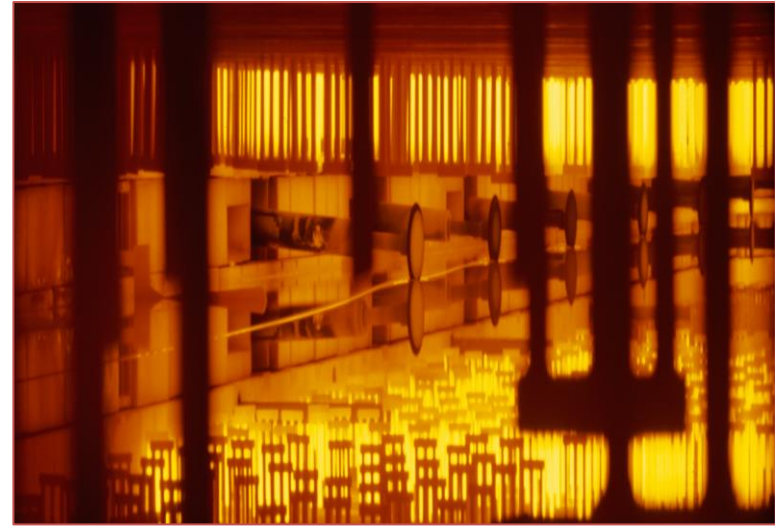
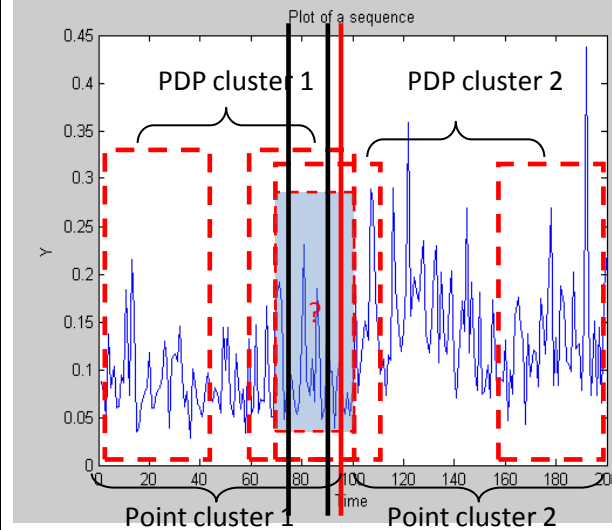


Multivariate Statistical Process Control & Data Mining in Display Glass Manufacturing

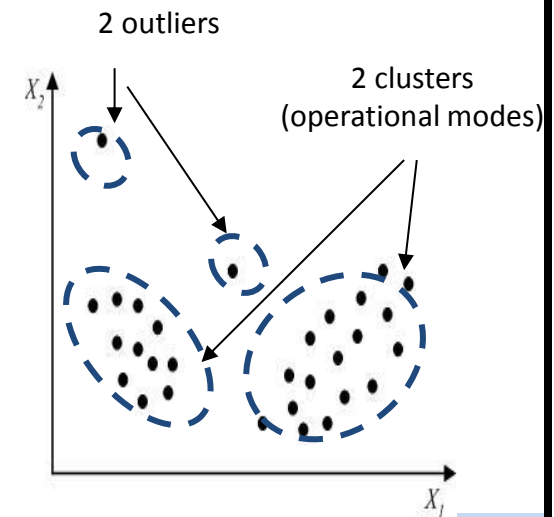
- Advanced display glass,
 - suitable as a substrate for electronics
 - widely used in flat screen televisions and smart phones,
- improve product by reducing variability in the manufacturing process
- methodology to model, monitor, and control process
- On-line analysis of numerous sensor measurements
- **Funded by Corning, Inc.**



Determine Statistical Process Control Baseline In Long Historical Data Streams



Select point clusters with best quality & determine baseline periods



Data mining & clustering uncover patterns in 10 dimensional baseline