











Didn't Taguchi solved this problem already?

IPPD 4/27/00 Quality

- Design of Experiments is one tool of many used in the variation risk management process
- Tolerance design and parameter design methods are limited to single cause/effect methods
- Robust design methods can be used for single subsystems
- Other researchers
 - Simulation tools to predict variation for particular problems
 - Robust concept design























































	IPPD 4/27/00 Quality			
	Yield Improvement	Recurring Costs	Non- recurring Costs	Strategic Impact
Design Change	High	None - Low	High- Medium	High
Process Change	High-Medium	Medium - Low	High - Medium	High
Variation reduction	Medium	Low	Medium	Medium
Process Monitoring	Medium-low	Medium - Low	Low	Medium
Inspection	Low	Low	Low	Low





