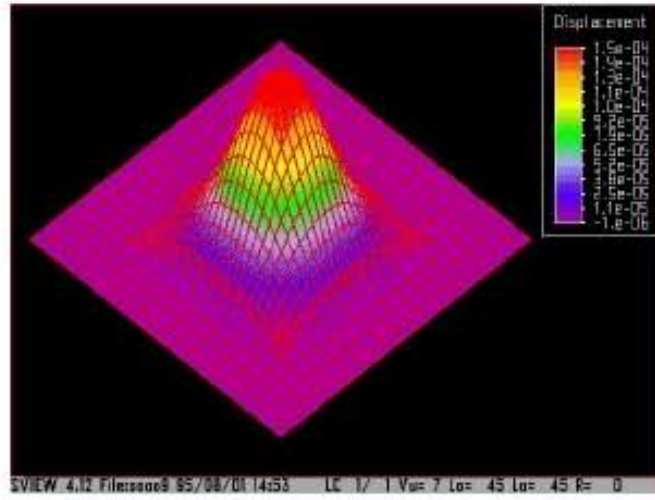
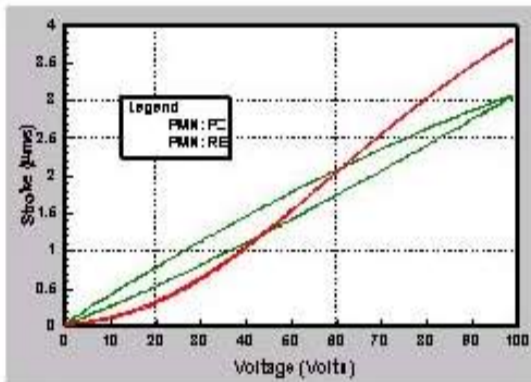


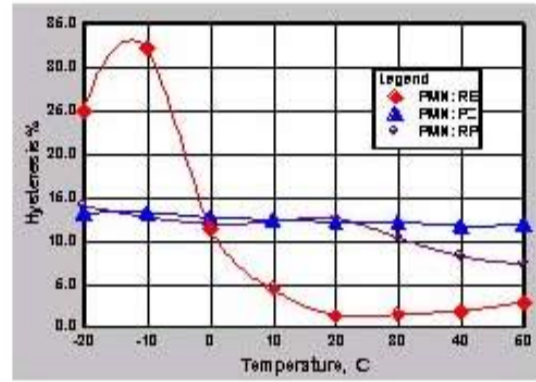
Properties: Multilayer Actuators



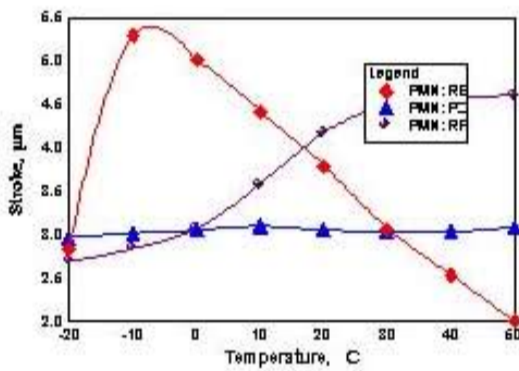
Typical Actuator Influence Function



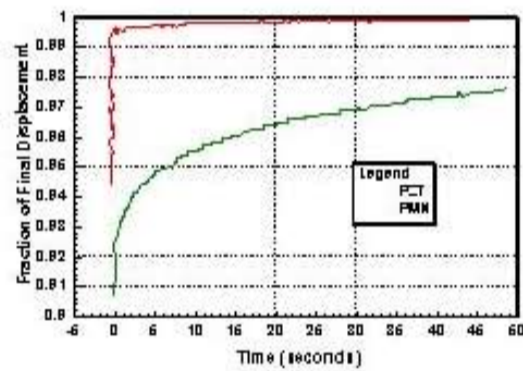
PMN Family Gain Response



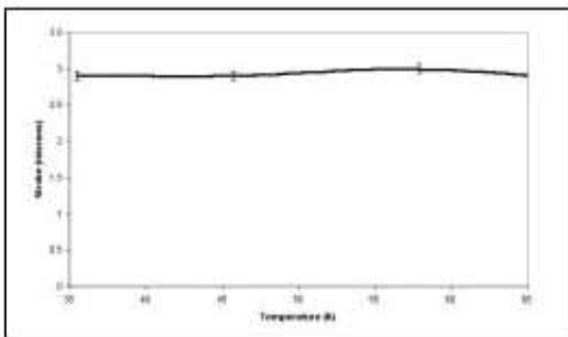
PMN Family Hysteresis Response



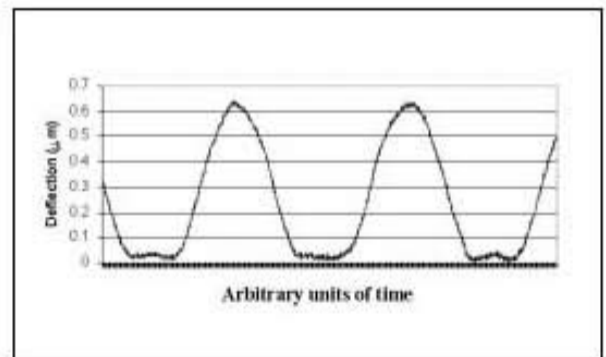
PMN Displacement versus Voltage



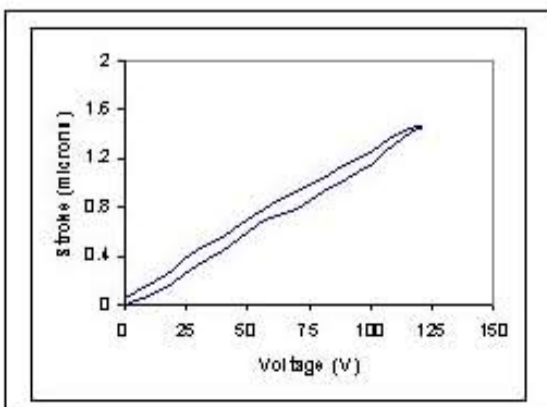
Creep Comparison: PMN versus PZT



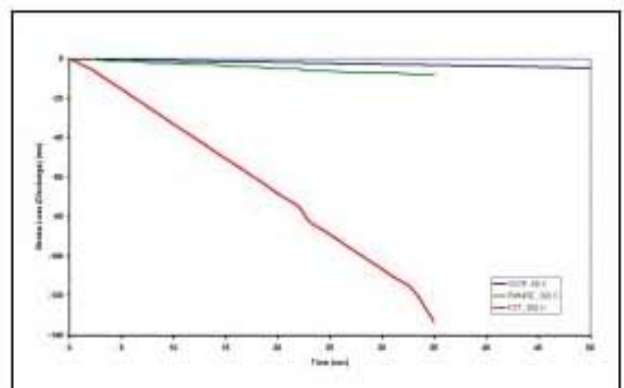
XiCRI Displacement from 35 to 65 K



XiCRI Electrostrictive Response at 65 K



XiCRI Electrical Hysteresis at 65 K



Actuator Stability: XiCRI, PMN and PZT