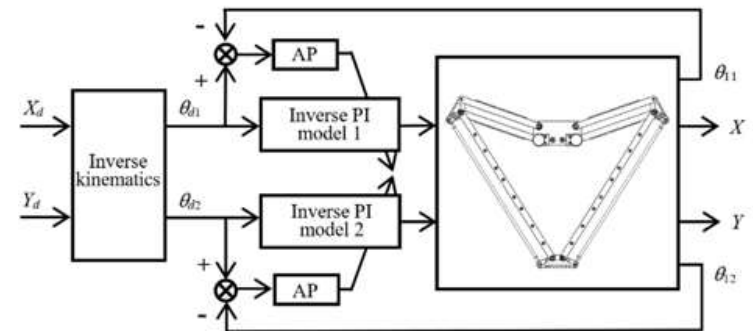# Closed-loop Control of a Pneumatic Artificial Muscle Actuated 2-DOF Delta Mechanism with Adaptive Hysteresis Compensation

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- Direct inverse modeling approach was utilized to obtain the PAM's inverse hysteresis model.

- The parameters of PI inverse model are identified online by AP algorithm.

- The control performance is verified by trajectory tracking.

Block diagram of the closed loop control system