

CLOSED LOOP CONTROL AT PSI.

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Stabilization is a requirement for the operation of the high intensity beams at PSI. Closed loop control of beam parameters, is used extensively. These loops are implemented in the control system as standard generic applications. The control problem, the formulation of the online control goal, and the involved methods are described. Auxiliary programs for development and maintenance of these loops are described. Experience in operation, performance, and encountered problems are explained. Plans for future improvement and enhancement are outlined.