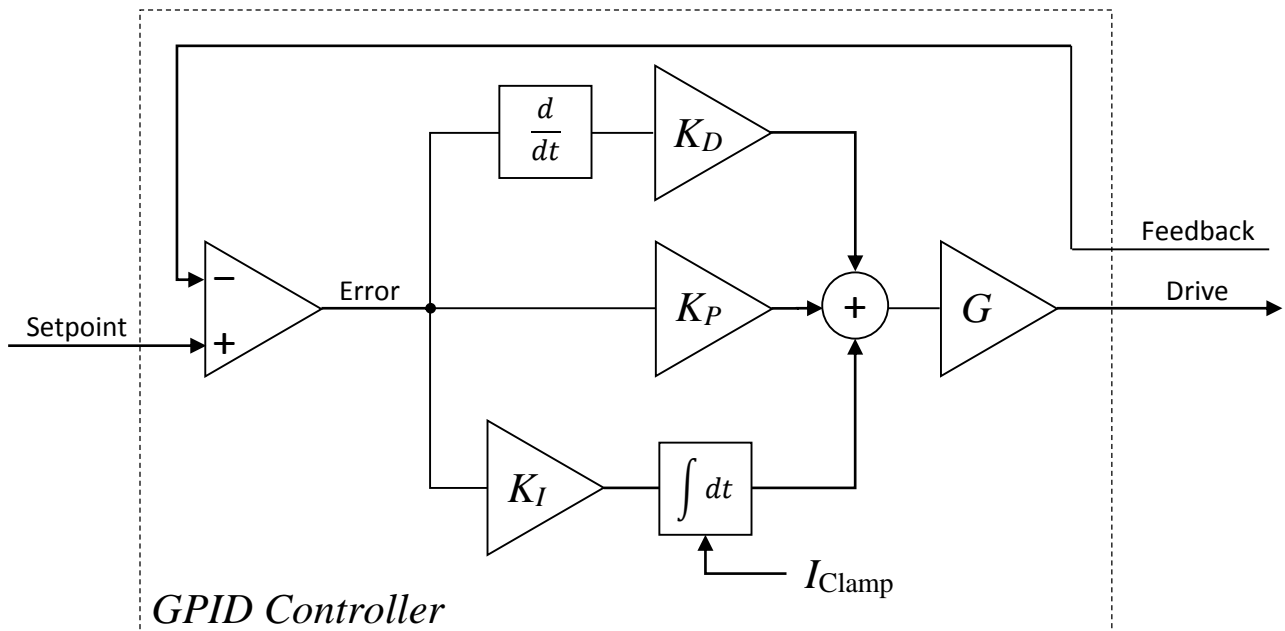


## GPID Algorithm Control Flow Diagram



The GPID algorithm implements a standard PID calculation with the addition of a “G” term. This provides the advantage of increasing the dynamic range of the algorithm making it more flexible for a broad range of applications. It also provides a single point of adjustment when it is desired to change the gain of the control loop without changing the frequency response.