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testPID

+ TestCompute()

+ TestSetKp()

+ TestGetKp()

pidController

- kp: double
- ki: double
- kd: double
- error_vec: std::vector<double>
- target_velocity: double
- dt: double
- + pidController(double,double,double,double)
- + Compute(double): double
- + GetKp(): double
- + GetKi(): double
- + GetKd(): double
- + SetKp(double): void
- + SetKi(double): void
- + SetKd(double): void
- + CalculatePError(): double
- + CalculatelError(): double
- + CalculateDError(): double