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Precision temperature controller for laser diodes¹ ALEX DO-ERMANN, DAYLIN TROXEL, TYLER JONES, CHRISTOPHER ERICKSON, DALLIN DURFEE, Brigham Young University — I will present the motivation, theory of operation, and some of the results found with the temperature controller used in Dr. Durfee's lab. I will also present my goal and possible data of the temperature drift as I attempt to make if more effective than a commercial temperature controller already in the lab.

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