

# Automating Instrumentation to Characterize Infrared Laser Diode

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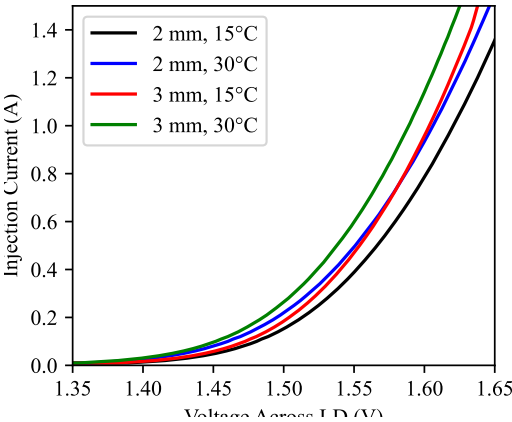
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## Abstract

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## I. INTRODUCTION

Laser diodes.



**Figure 1: Setup for Amplitude Modulation.** The beam size was varied by changing the distance between the two convex lenses,  $L$ , that made up the Keplerian telescope. The frequency driver was held at a constant power level of 10 and frequency of 40 MHz, and we measured the cut-off frequency from the 0th order transmitted beam.

## II. METHODS

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## III. RESULTS

## IV. DISCUSSION

## REFERENCES

[Figueredo and Wolf, 2009] Figueredo, A. J. and Wolf, P. S. A. (2009). Assortative

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pairing and life history strategy - a cross-cultural study. *Human Nature*, 20:317–330.