ECE 2800 Ethics Review Article

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This template demonstrates the style required for the ECE 2800 ethics review article. The title, your name, and the date are at the top. References are at the end, numbered in the order cited. The article must be at least 300 words long, not counting the title, author, date, and references. It must fit on one page, including the title, body, and references.

Somewhere over the rainbow [1] there is a spectrum of ethical dilemmas to be found. Beyond the visible, microwave photonics demands circuits that exceed what can be delivered with silicon alone [2]. The potential for next generation integration platforms, including silicon nitride and tantalum pentoxide, to handle high power, deliver low phase noise, and realize photonic microwave functional circuits sounds very interesting.

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This article contains 331 words, not counting the title, author, date, and references.

- [1] The Wonderful Wizard of Oz, L. Frank Baum, 1900.
- [2] *Photonic Integration Beyond Silicon*, Daniel Blumenthal, International Topical Meeting on Microwave Photonics, Toulouse, France, Oct. 2018.