

EE290C CORDIC Lab 2

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1 Type Generic CORDIC

I genericified my CORDIC and found that at least **27 stages** were required for the `DspReal` version to achieve 2 LSB precision.

I think my usage of typeclasses was excessive, but I just kept adding what was needed to get the code to compile. Is there a way to alias a conjunction of typeclasses like

```
typeclass CORDICNumber = Data : Ring : BinaryRepresentation : ConvertableTo : Order
```