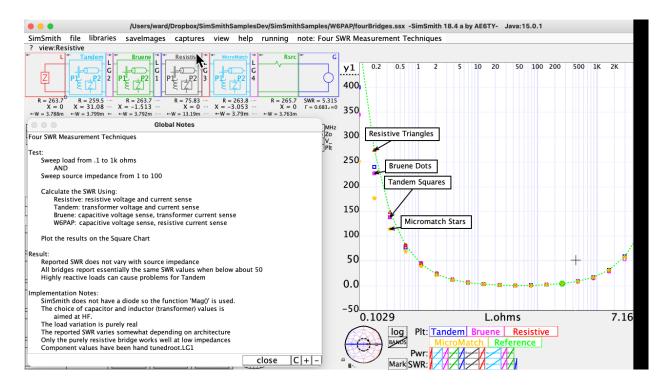
# Summation of Bridge Topology Comparison

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# Introduction For different SWR Bridge topologies are compared:



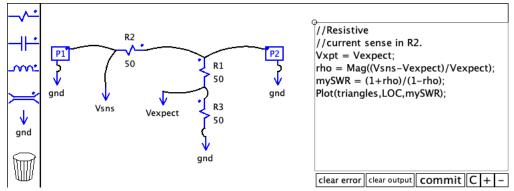
Most circuits have been hand tuned to match the 'reference'. The 'reference' is implemented using algebra and is 'perfect'.

# Conclusion

Low impedances and highly reactive impedances cause the Tandem and Bruene bridges to report lower than real SWR values.

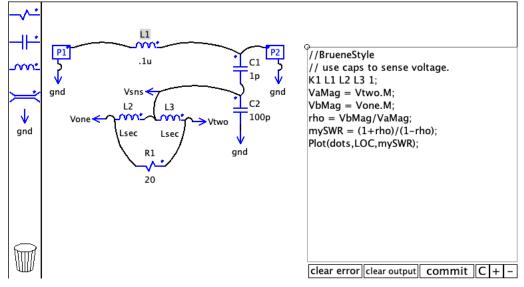
The SWR reported by several 'common' SWR topologies are consistent and NOT affected by transmitter impedance.

#### The Resistive Bridge

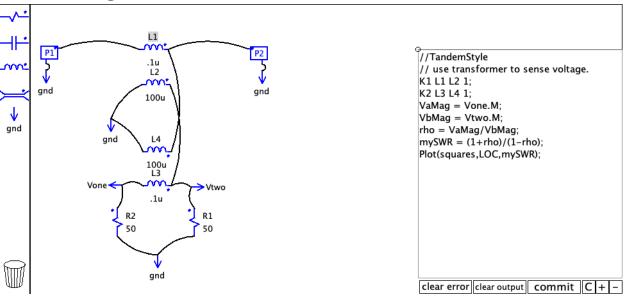


# Bruene Bridge





# Tandem Bridge



# MicroMatch Modified from W6PAP.

