

# Filters

Diego Trapero

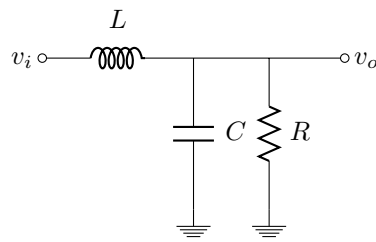
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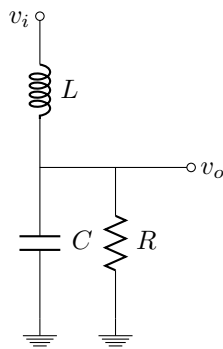
# 1 Filters

## 1.1 LC filter

LC filter loaded with R transfer function



In the voltage-divider form:



$$V_o = V_i \frac{Z_{R//C}}{Z_L + Z_{R//C}}$$