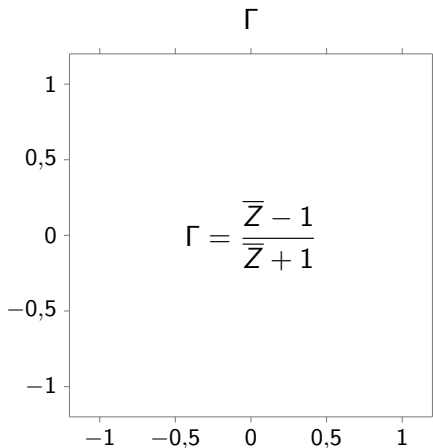
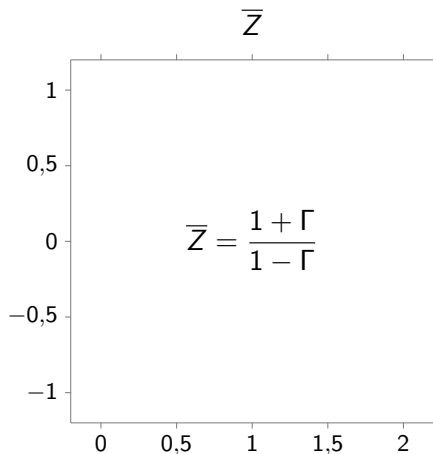


Construction of the Smith chart

High frequency technologies

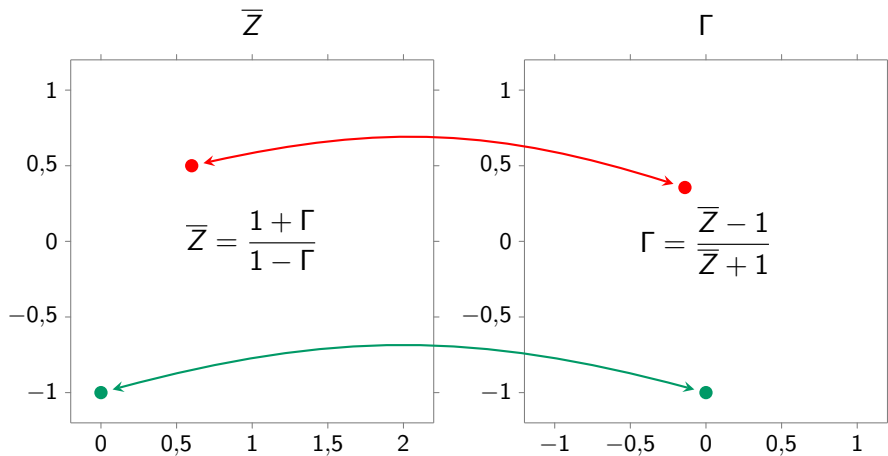
Normalized impedance vs. reflection coefficient

Complex planes



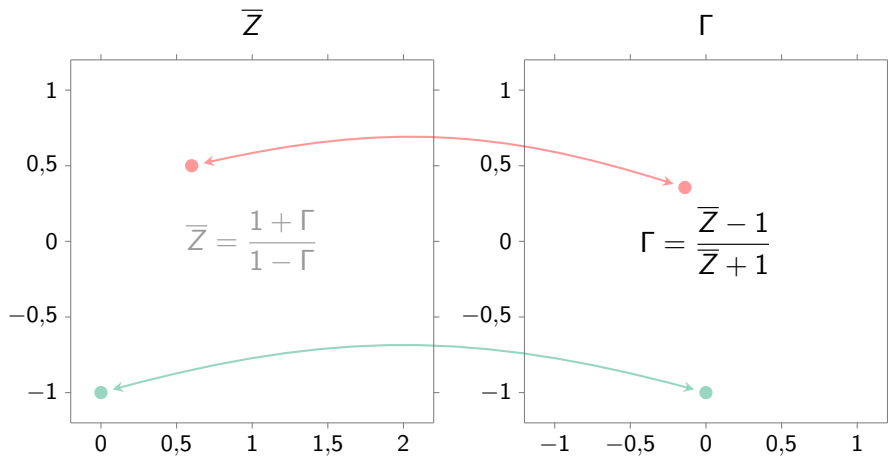
Normalized impedance vs. reflection coefficient

Complex planes



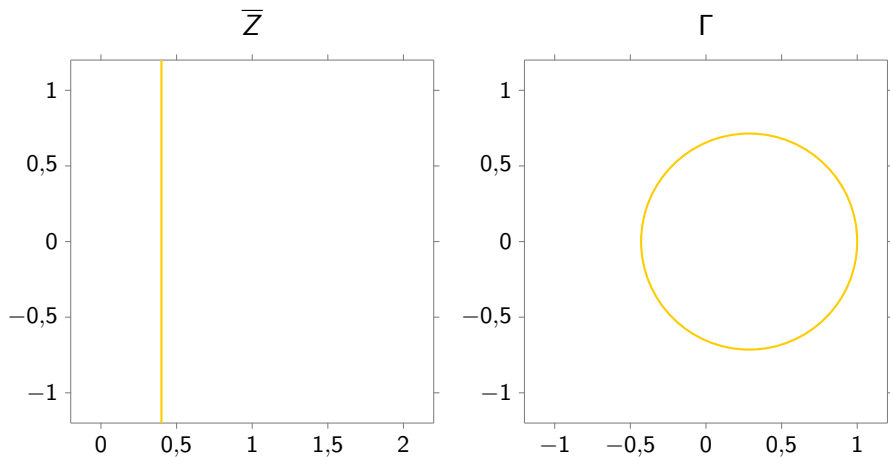
Normalized impedance vs. reflection coefficient

Complex planes



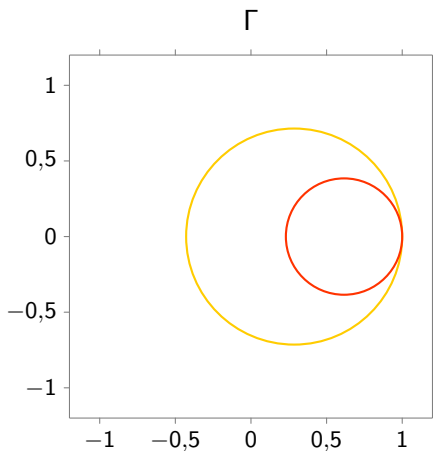
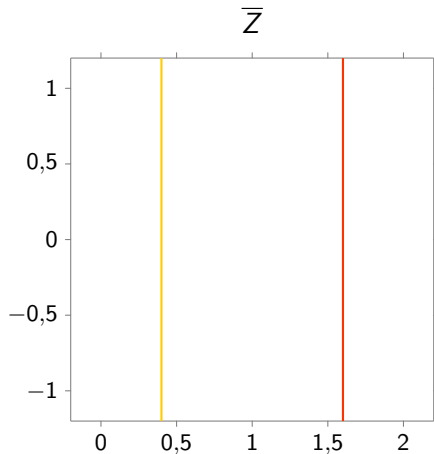
Normalized impedance vs. reflection coefficient

Constant resistance



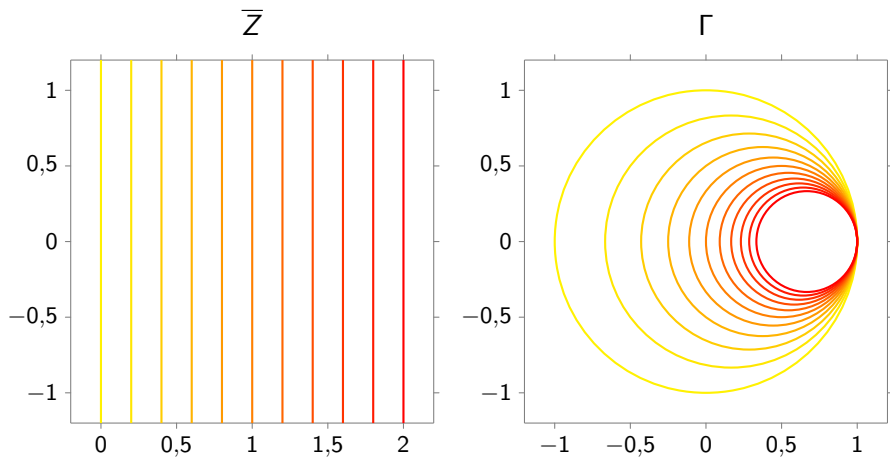
Normalized impedance vs. reflection coefficient

Constant resistance



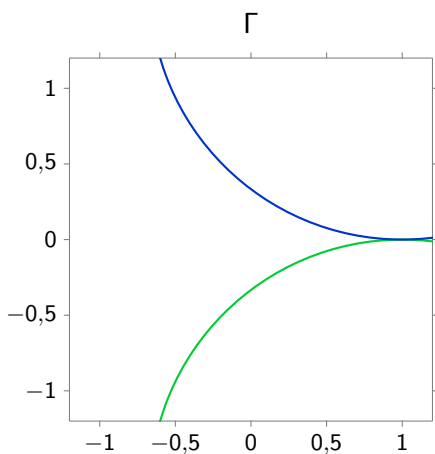
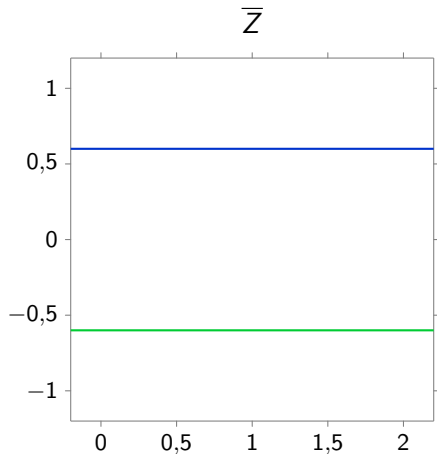
Normalized impedance vs. reflection coefficient

Constant resistance



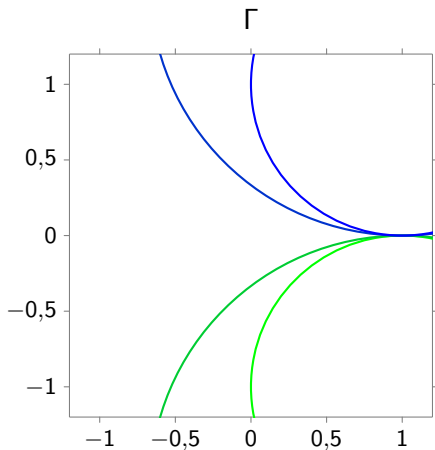
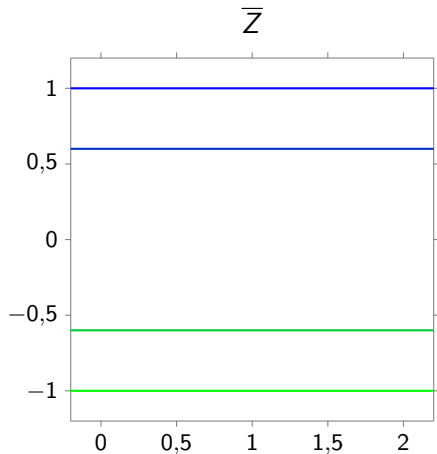
Normalized impedance vs. reflection coefficient

Constant reactance



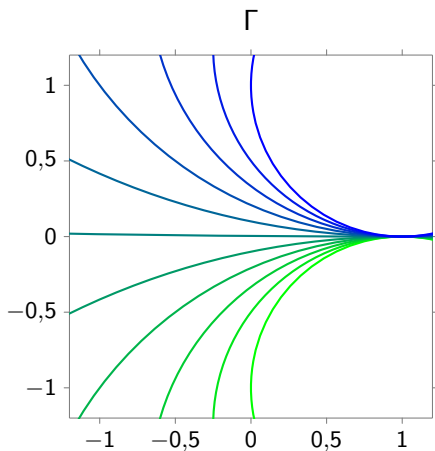
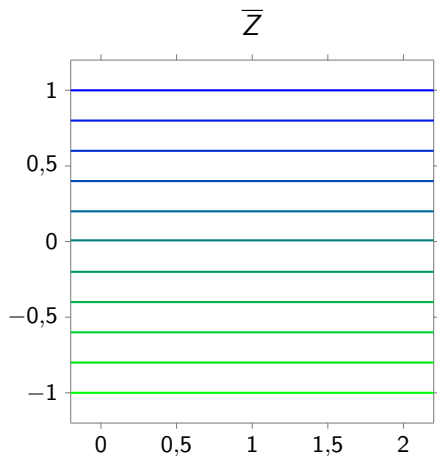
Normalized impedance vs. reflection coefficient

Constant reactance



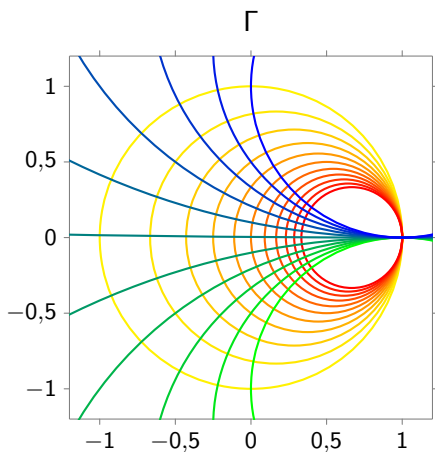
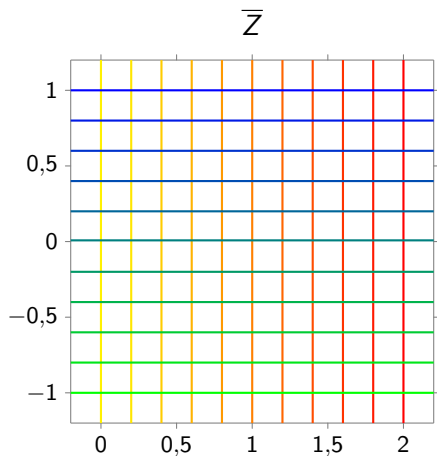
Normalized impedance vs. reflection coefficient

Constant reactance



Normalized impedance vs. reflection coefficient

Both sets of circles



Normalized impedance vs. reflection coefficient

Both sets of circles, completed and trimmed ($\text{Re } \bar{Z} \geq 0 \Leftrightarrow |\Gamma| \leq 1$)

