line.
The graphical step-by-step procedure is:

1. Identify the load reflection coefficient Γ_R and the normalized load impedance Z_R on the Smith chart.
2. Draw the circle of constant reflection coefficient amplitude $|\Gamma(d)| = |\Gamma_R|$.
3. The normalized admittance is located at a point on the circle of constant $|\Gamma|$ which is diametrically opposite to the normalized impedance.

Example: Given

$$Z_R = 25 + j\,100\,\Omega \qquad \text{with} \quad Z_0 = 50\,\Omega$$

find Y_R.