

EME152 Equation Sheet

Complex Equations Standard Form

$$r_1 e^{i\phi_1} + r_2 e^{i\phi_2} = Z \quad (1)$$

$$(a + ir) e^{i\theta} = Z \quad (2)$$

Gruebler Equation

$$DOF = 3(n - 1) - 2f_1 - f_2 \quad (3)$$