

- The Circular-Arc-Involute Theory

- Essential Equations:

$$r \sin \alpha = r_o \sin \alpha_o = \text{const};$$

$$r_x = 0.5(r_o^2 - r_m^2) / (r_o \cos \alpha_o - r_m \cos \alpha_m);$$

$$\overline{OP} = (r_m^2 + r_x^2 - 2 r_m r_x \cos \alpha_m)^{1/2};$$

$$\hat{\theta} m = \cot \alpha_o - \cot \alpha m$$

- Coordinate System $r \theta \Phi \hat{\theta}$
- Cylinder Model
- Adjacent Layer Relations
- Straight-Edge Cone Model