The strains are found to be of the form

$$\epsilon_r = \epsilon_\theta = a_7$$
$$\epsilon_z = -2a_7 \quad , \quad \gamma_{rz} = 0 \tag{70}$$

Using, once again, the format given previously, the stresses become

$$\sigma_r = \sigma_\theta = \tau_{rz} = 0$$
$$\sigma_z = \sigma_0 + b(2a_7)^n \tag{71}$$

and a_7 is determined from the radial boundary condition.

$$a_7 = (R - R_o)/R \tag{72}$$

4. Two-Dimensional Hollow Wafer - With Shear. The admittance of a concentric hole along the wafer axis does not alter the form of the normal and shear stress equations, although the displacement coefficients will be different