

Characteristic Equations

$$\frac{\partial \sigma_{xx}}{\partial x} + \frac{\partial \sigma_{xy}}{\partial y} = \gamma_x$$

$$\frac{\partial \sigma_{xy}}{\partial x} + \frac{\partial \sigma_{yy}}{\partial y} = \gamma_y$$

$$\sigma_{xx} = p + R \cos 2\theta$$

$$\sigma_{yy} = p - R \cos 2\theta$$

$$\sigma_{xy} = R \sin 2\theta$$

$$p = R \sin \phi + c \cos \phi$$

$$p = R_0 + (k-2\omega) p_x + (g-2\omega) p_y$$

$$R = R_0 + (k-2\omega) R_x + (g-2\omega) R_y$$

$$\xi a = \omega a - \mu$$

$$\mu^2 = \gamma \mu$$

$$\omega a = \xi a + \mu$$

$$\mu = \mu^2/2$$

$$p_a = p_x \cos(\omega_0 - \mu) + p_y \sin(\omega_0 - \mu)$$

$$p_b =$$

$$\omega a =$$

$$\omega b =$$

$$x a = A \cos(\omega_0 - \mu)$$

$$x b = B \sin(\omega_0 - \mu)$$

DEVELOPMENTS IN THEORETICAL GEOMECHANICS - The John Booker Memorial Symposium -

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