$$n_{lg} = \frac{n_m}{n_l}$$

$$D_m \qquad v_g = \frac{\tau_g^l}{n_{lg}} \qquad \omega_l \qquad J_l$$

$$D_m \qquad v_g = \frac{\sigma_m}{n_{lg}} \qquad v_g \qquad$$