$$\sigma_r = \frac{\sigma_0}{\sqrt{21}} \operatorname{Ln}\left(\frac{\alpha r + \beta}{\alpha R + \beta}\right) + \frac{b}{n\sqrt{21}} \cdot \left(\frac{2}{\sqrt{3}}\right)^n \left[(\alpha r + \beta)^n - (\alpha r + \beta)^n\right] \tag{64}$$

$$\sigma_\theta = \frac{\sigma_0}{\sqrt{21}} \left[\operatorname{Ln}\left(\frac{\alpha r + \beta}{\alpha R + \beta}\right) - \left(\frac{\alpha r}{\alpha r + \beta}\right)\right] + \frac{b}{n\sqrt{21}} \left(\frac{2}{\sqrt{3}}\right)^n \left[(\alpha r + \beta)^n - \alpha n r \, (\alpha r + \beta)^{n-1} - (\alpha R + \beta)^n\right] \tag{65}$$

$$\sigma_z = \frac{\sigma_0}{\sqrt{21}} \left[\operatorname{Ln}\left(\frac{\alpha r + \beta}{\alpha R + \beta}\right) - \left(5r + \sqrt{21}\,\frac{\beta}{\alpha}\right) \cdot \left(\frac{\alpha}{\alpha r + \beta}\right)\right] + \frac{b}{n\sqrt{21}} \left(\frac{2}{\sqrt{3}}\right)^n \left[(\alpha r + \beta)^n - \left(5r + \sqrt{21}\,\frac{\beta}{\alpha}\right) \alpha n \, (\alpha r + \beta)^{n-1} - (\alpha R + \beta)^n\right] \tag{66}$$