

$$\begin{aligned}\epsilon_{xx} &= \frac{3x(x \tan \theta - 2z) (l^3 w (2a - cw^2 y^2 + 2cy^4) + 2\psi y^2 \cos \theta)}{2l^3 w} \\ \epsilon_{yy} &= x^3 \left(cz (w^2 - 12y^2) + f - \frac{2\psi z \cos \theta}{l^3 w} \right) \\ \epsilon_{xy} &= \frac{x^2 y (l^3 w (-cx \tan \theta (w^2 - 4y^2) + 6cz (w^2 - 4y^2) + 3f) + 2x\psi \sin \theta - 12\psi z \cos \theta)}{2l^3 w}\end{aligned}$$