Errors in Chapter 2:

Pg 44:
Sixth line from the top: an extra subscript appears in the y-component. The corrected sentence should appear:

"...parallel to the x-y-z coordinate axes, \( F_x \), \( F_y \), and \( F_z \), respectively, ..."

Pg 50:
Fourth line from the bottom of the page: An incorrect subscript appears. The equation should read:

\[ c_{z''_y} = \cos(\text{angle between } z'' \text{ and } y \text{ axes}) = -\sin \beta \cos \theta \]

Pg 60:
Thirteen line from the top: Vertical lines indicating "magnitude" are missing. The line should read:

\[ |V_{xy}| = |V_{yx}|, |V_{xz}| = |V_{zx}|, \text{ and } |V_{yz}| = |V_{zy}|. \]

Pg 82:
Second sentence following Eq 20: an extraneous slash (/) appears between "stress" and "tensor". The sentence should read:

"Transformation of a general (3D) stress tensor should be..."

Pg 91:
Subscripts in one of the arrays that appear following Eq (35) are incorrect. Specifically, in the array on the right-hand side of the equality sign, the engineering shear strain in the [3,1] position should be: \( (\gamma_{xz} / 2) \)

Pg 101:
Seventh line following the heading "3 STRAINS WITHIN A PLANE PERPENDICULAR TO A PRINCIPAL STRAIN DIRECTION": an incorrect subscript appears. The subscripts should be:

"...within the x-y plane, \( \varepsilon_{xx}, \varepsilon_{yy}, \) and \( \varepsilon_{xy} \)."