2009 structural analysis with applications to aerospace structures

- Newton's Law

- Strain-Displacement   direct strain   angular strain

- 2.1 Constitutive Law

- 2.3.1 Von Mises' criterion

- 3.1.1 Displacement formulation of linear elasticity

- 10 Energy Method

- 12 Variational Formulation

- 12.1.1 Listing of linear elasticity equations

- 13 Summary of yield criterion

1. **(stress)** internal force that neighboring particles exert on each other

$$\tau_n = \lim_{dA_n \to 0} \frac{F_n}{dA_n}$$

2. **(strain)** characterizes deformation of a solid in neighborhood of a point.

3.