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the Christian Albrechts
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mechanics of solids as the
theoretical background for
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configuration. A configuration is a set containing the positions of all particles of the body. A deformation may be caused by external loads, body forces (such as gravity or electromagnetic forces), or

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changes in temperature,
moisture content, or
chemical reactions, etc.

GEOTECHNICAL ENGINEERING FORMULAS

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branch of physics used to

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describe the motion of macroscopic objects. It is the most familiar of the theories of physics. The concepts it covers, such as mass, acceleration, and force, are commonly used and known. The subject is based

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upon a three-dimensional Euclidean space with fixed axes, called a frame of reference. The point of concurrency of the three axes is ...

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Deformation (mechanics) - Wikipedia

All Mechanical Engineering formulas and equations are listed here.

List of All Mechanical Engineering Formulas

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Materials. Young's modulus ,
Shear modulus where ν is
Poissons ratio. Thermal
expansion: Composite
Materials (when loaded
parallel to fibres)

List of equations in

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classical mechanics - Wikipedia

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course are expected to
understand the concepts of
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different planes, resultant of force system, Forces acting on a body, their free body diagrams using graphical methods.

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