What is meant by each of the following:

Vector basis
Tensor basis
Orthonormal basis
Vector
Second-order tensor
Spherical and deviatoric parts of a second-order tensor
Fourth-order tensor
Tensor product
Transformation matrix
Orthogonal matrix
Isotropic tensor
Projector
Deviatoric projector
Spherical projector
Orthogonal projectors
Voigt-Mandel notation
Gradient (of a scalar wrt a scalar, of a vector wrt to a scalar, of a vector wrt a vector, etc)
Fourth-order identity
Symmetric fourth-order identity
Isotropic approximation of a fourth-order tensor
Matrix representation of spherical and deviatoric projectors
Linear algebraic problem
Eigenvalue problem
Characteristic equation
Cayley-Hamilton theorem
Invariants
Principal basis
Spectral decomposition

Elasticity
Linear elasticity
Nonlinear elasticity
Elasticity tensor
Material axes
Strain energy
Stiffness
Flexibility
Plane of symmetry
Orthotropy
Engineering moduli
Isotropy
Thermal elasticity

Fluid
Perfect fluid
Incompressible viscous fluid
Compressible viscous fluid

Loading path
Uniaxial stress path
Uniaxial strain path
Hydrostatic loading
Shear loading (different examples)
Triaxial compression
Triaxial extension
Octahedral plane
Octahedral shear
Pi-plane
Lode angle
Rendulic plane

Driver program (why and what does it do)
Modification needed for a stress-prescribed path for assumed strain increments

Viscoelasticity
Linear viscoelasticity
Backstrain version
Creep problem
Time discretization
System integrator
Strain prescribed algorithm
Sinusoidal loading

Rate dependence
Nonlinear viscoelasticity
Standard linear viscoelastic model
Relaxation problem
Time integrator
Stability
Stress-prescribed algorithm

Plasticity
Rate independence
Initial yield
Isotropic hardening
Yield function
Hardening Function
Tangent modulus
“Effective” stress
Zero finding
Secant method
Evolution equations
Associated flow rule
Mises yield condition
Mohr-Coulomb yield condition
Dissipation power
Internal energy

Viscoplasticity
Rate dependence
Limit stress
Kinematic hardening
Yield surface
Plastic modulus
Bauschinger effect
“Effective” plastic strain
Newton-Raphson
Cohesion
Flow rule

Tresca yield condition

Dissipation power inequality
Conjugate stresses