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%      * job file marker (no comments before)
%31      * input file version number

***** title *****
Crisis fracture test (job 04/21/2001)
***** top-level execution parameters *****
3      * analysis code
0      * input format
0      * output format
0      * read restart file
0      * write restart file
1      * print input flag
1      * number of element groups
***** time sequence parameters *****
1      * number of time sequences
1      * sequence number
5      * number of steps
0      * output print increment
10     * allowable step cuts
0.0025 * (initial) time step
***** load-time functions *****
1      * number of functions
1      * function number
2      * number of points
      * [time] [value]
      * 0.0 0.0
      * 1.0 1.0
***** nodal data *****
1283   * number of nodes
2      * number of spatial dimensions
2      * number of spatial dimensions
* [node number] [d] [y]
eg.nodes

0      * displacement output flag
0      * number of initial conditions
107    * number of kinematic BC's
eg.XBC
0      * number of KBC controllers
0      * number of nodal force BC's
0      * number of force BC controllers
0      * number of history nodes
***** element group data *****
* group 1
3      * element type
      * geometry code
625    * number of elements
4      * number of element nodes
      * number of integration points
1      * mass type code
0      * strain-displacement option
0      * output increment flag

* nodal output values
0      * initial coordinates
1      * extrapolated/averaged stresses
0      * principal stresses
0      * strain energy density
0      * Von Mises stress
0      * material output parameters

* body force vector
1      * 0.0 0.0
0      * number of traction boundary conditions

1      * number of materials
1      * material number
2      * material code
0.0    * 0.0 1.0 * [damping] [damping] [density]
1      * thermal expansion LTY
4.0    * % expansion
42.0   * 0.333333 * [Young's modulus] [Poisson's ratio]
1.0    * 2 * [thickness] [plane stress/strain]

1      * number of blocks
eg.slam

***** solver parameters *****
      * Newton's method nonlinear solver
1      * symmetric profile storage
0      * output flag for global equation numbers
1      * rank check code
* algorithmic parameters
15     * maximum iterations
1.0e-10 * zero tolerance (exponent)
1.0e-12 * convergence tolerance (exponent)
10.0    * divergence tolerance
6      * number iterations in a "quick" solution
3      * "quick" solutions before step increase
0      * iteration output increment

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