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ORION/ PC

An Interactive Color Post-Processor for Two-Dimensional Finite Element Codes for PC Computers

ORION/PC is an interactive program post-processor for **DYNA2D/PC**, **NIKE2D/PC**, **TOPAZ2D/PC**, **TACO2D** and **GEM2D**.

ORION/PC reads the binary plot files generated by the two-dimensional finite element codes currently used at LLNL or the PC version of these codes available from GAE. Contour and color fringe plots of a large number of quantities may be displayed on meshes consisting of triangular and quadrilateral elements.

ORION/PC can compute strain measures, interface pressure along slide lines, reaction force along constrained boundaries, and momentum.

ORION/PC has the capability to plot:

- Color Fringes.
- Contour Lines.
- Vector Plots.
- Principal Stress Lines.
- Deformed Meshes and Material Outlines.
- Time Histories
- Reaction Forces along Constrained Boundaries.
- Interface Pressures along Slide lines.
- User Specified Labels.

Most strain measures are computed internally in **ORION/PC** for display.

We at **Galaxy Advanced Engineering, Inc. (GAE)** have taken steps to make this code available on your PC platform or %100 compatible computers under PC/DOS or MS/Windows95/98/2000/XP/ME and NT operating system. To obtain the code and more information, please contact our company or call us at 650-740-3244.