
LESSON 1

*Submitting a
MSC/NASTRAN
Analysis*

Objectives:

- Review input file (.bdf) format.
- Submit an input file to MSC/NASTRAN.
- Review text result file (.f06) format.



Model Description:

Refer to the Workshop #1 figure in the Seminar Notes. The analysis model represents a 10x10x0.25 plate clamped on all four edges and meshed with four CQUAD4 elements.

Suggested Exercise Steps:

1. Edit **lesson1_work.bdf** and review the input file format.
2. Submit this file to the MSC/NASTRAN solver for analysis. To do this, find an available xterm window and at the prompt enter:

nastran lesson1_work.bdf scr=yes

Monitor the run using the UNIX **ps** command.

3. After the analysis is completed, edit **lesson1_work.f06** and review the text result file format (the binary **lesson1_work.op2** results file which MSC/PATRAN requires is not generated for this exercise).