

START

Generate 1000
material samples

Create a new BDF file with
the material parameters from
one sample

Extract the nodal values
from the BDF file

Create 3 new BDF files
from the material one
with linearized loads

Call nastran and run the 3
simulation and generate 3 f06
files

For each f06 file extract the
reaction forces

From the reaction
forces calculate the
elasticity parameters

Repeate 1000
times

