

MECHANICAL ENGINEER

Design, develop, build,
and test engines and
machines.

USING A PORTFOLIO OF
SOFTWARES SUCH AS
MATLAB, AND PYTHON

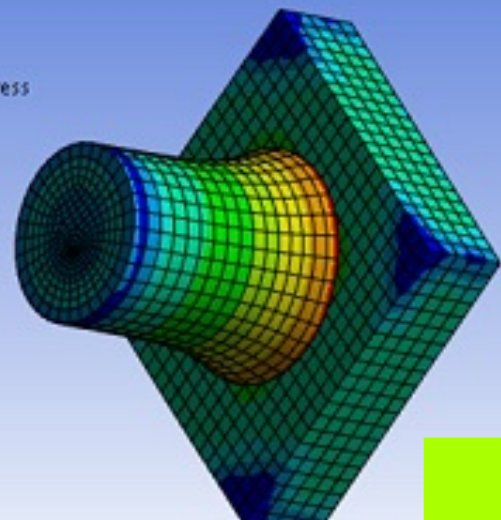


PYTHON

setting up and running
finite element studies

A: ANSYS LS-DYNA
Equivalent Stress
Type: Equivalent (von-Mises) Stress
Unit: Pa
Time: 1.4127e-005
1/14/2013 4:06 PM

5.6335e8 Max
5.0592e8
4.4848e8
3.9105e8
3.3361e8
2.7618e8
2.1874e8
1.6131e8
1.0387e8
4.6439e7 Min



ANSYS
R14.5

MATLAB

attaining the stability of
an automated machine