```
clc
clear
close all
n_1 = [1, -0.2];
n 2 = [4,0];
n_3 = [1, 0.2];
nu = 0.3;
E = 70E9;
D = E./(1-nu^2).*[1, nu, 0;
                nu, 1, 0;
                0, 0, (1-nu)./2];
t = 10/1E3;
syms xi eta
N_1 = xi;
N_2 = eta;
N_3 = 1-xi-eta;
N = [N_1, 0, N_2, 0, N_3, 0;
     0, N_1, 0, N_2, 0, N_3];
rho = 2700;
w = 1000;
```

Computation B, K

Change the following for force calculations

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