```
In[•]:= k = 1.6 * 6.25
        m = (1 + 1.0 / 3.0) * 1.244 * 10^-3
        M = 1.244 * 10^-3
        Eigenvalues[{{k / m, -k / m, 0}, {-k / M, k / M, -k / M}, {0, -k / m, k / m}}]
Out[•]= 10.
Out[•]= 0.00165867
Out[•]= 0.001244
Out[•]= {16 930.1, 6028.94, -2862.6}
In[•]:= √(16930.12238926458`)
        √(6028.938906752408`)
        √(-2862.5982735089474`)
Out[•]= 130.116
Out[•]= 77.6462
Out[•]= 0. + 53.5033 i
```