```
\ln \left\{ e \right\} := A = \begin{pmatrix} 1 - \theta^2 \star 5.2 \star 10^{\circ} - 6 & \theta^2 \star 10^{\circ} - 4 \\ \theta^2 \star 5.35 \star 10^{\circ} - 5 & 1 - \theta^2 \star 1.38 \star 10^{\circ} - 3 \end{pmatrix}; \ b = \begin{pmatrix} -\theta^2 \star 3 \star 10^{\circ} - 7 \\ \theta^2 \star 4 \star 10^{\circ} - 6 \end{pmatrix};
            \theta = 127.826
            LinearSolve[A, b]
Out[-]=
             127.826
Out[-]=
             {0.0186603, -0.00217637}
 In[-]:= D1 = {0.01866, -0.002176}
             A = \begin{pmatrix} m1 & 0 \\ 0 & m2 \end{pmatrix}
             A * D1
Out[-]=
              {0.01866, -0.002176}
Out[-]=
              {{15.2, 0}, {0, 29.6}}
 Out[-]=
              \{\{0.283632, 0.\}, \{0., -0.0644096\}\}
   In[-]:=
              n0 = 200
              \theta = 2 * 3.14 * n0 / 60
 Out[-]=
              200
 Out[-]=
              20.9333
   \ln\{e\}:=A=\begin{pmatrix}1-\theta^2*5.2*10^{\circ}-6&\theta^2*10^{\circ}-4\\\theta^2*5.35*10^{\circ}-5&1-\theta^2*1.38*10^{\circ}-3\end{pmatrix};\ b=\begin{pmatrix}-\theta^2*3*10^{\circ}-7\\\theta^2*4*10^{\circ}-6\end{pmatrix};
              \theta = 20.933
              LinearSolve[A, b]
 Out[-]=
              20.933
   in[*]:* {-0.00032737527022161025`, 0.00445381057656699`}
  Out[-]=
               {-0.000327375, 0.00445381}
  Out[-]=
              15.2
```