```
ln[791]:= u[lon, lat] := Cos[lon] * (1 + Cos[2 * lat])
       v[lon, lat] := 0
       Err[lon, lat] := 0
       Elonlat[lon, lat] :=
        1/\left(2*R\right)*\left(D[u[lon, lat], lat] + u[lon, lat]*Tan[lat] + 1/Cos[lat]*D[v[lon, lat], lon]\right)
       Elatr[lon, lat] := -3/(2*R)*v[lon, lat]
       Elonr[lon, lat] := -3/(2*R)*u[lon, lat]
In[799]:= Elonlon[lon, lat]
          (1 + Cos[2 lat]) Sec[lat] Sin[lon]
Out[799]= --
In[800]:= Elatlat[lon, lat]
Out[800]= 0
In[801]:= Err[lon, lat]
Out[801]= 0
In[802]:= Elonlat[lon, lat]
\label{eq:out_sol} \text{Out}[802] = \begin{array}{c} -2 \, \text{Cos}[\text{lon}] \, \text{Sin}[2 \, \text{lat}] + (1 + \text{Cos}[2 \, \text{lat}]) \, \text{Cos}[\text{lon}] \, \text{Tan}[\text{lat}] \\ \end{array}
                                         2 R
In[803]:= Elatr[lon, lat]
Out[803]= 0
In[804]:= Elonr[lon, lat]
          3 (1 + Cos[2 lat]) Cos[lon]
Out[804]= --
```