```
In[805]:= u[lon, lat] := 0
      v[lon, lat] := Cos[lon] * (1 + Cos[2 * lat])
      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[813]:= Elonlon[lon, lat]
        (1 + Cos[2 lat]) Cos[lon] Tan[lat]
In[814]:= Elatlat[lon, lat]
        2 Cos[lon] Sin[2 lat]
Out[814]= --
In[815]:= Err[lon, lat]
Out[815]= 0
In[816]:= Elonlat[lon, lat]
        (1 + Cos[2 lat]) Sec[lat] Sin[lon]
In[817]:= Elatr[lon, lat]
        3 (1 + Cos[2 lat]) Cos[lon]
In[818]:= Elonr[lon, lat]
Out[818]= 0
```