```
In[1]:= L[e1_, e2_, e3_, m1_, m2_, m3_] :=
         { e2 m3 - e3 m2,
          L13 = e1 m3 - e3 m1,
          L12 = e1 m2 - e2 m1
         }

In[2]:= L[2, 1, 1, 1, 1, 2]

Out[2]= {1, 3, 1}

In[3]:= L[1, 2, 1, 1, 1, 2]

Out[3]= {3, 1, -1}

In[4]:= L[1, 2, 2, 2, 1, 2]

Out[4]= {2, -2, -3}

In[5]:= L[2, 1, 1, 1, 2, 1]

Out[5]= {-1, 1, 3}

In[6]:= L[1, 1, 2, 1, 2, 1]

Out[6]= {-3, -1, 1}

In[7]:= L[1, 2, 2, 2, 2, 1]

Out[7]= {-2, -3, -2}

In[26]:= NotebookPrint[SelectedNotebook[],
          "/home/fdahl/writing/lis/notebooks/sign configurations.nb.ps"]
```