

```
QZipξs_List@E[L_, Q_, P_] :=  
PPQZip@Module[{ξ, z, zs, c, ys, ηs, qt, zrule, ξrule, out},  
zs = Table[ξ*, {ξ, ξs}];  
c = CF[Q /. Alternatives @@ (ξs  $\cup$  zs)  $\rightarrow$  0];  
ys = CF@Table[ $\partial_{\xi}$  (Q /. Alternatives @@ zs  $\rightarrow$  0),  
 {ξ, ξs}];  
ηs = CF@Table[ $\partial_z$  (Q /. Alternatives @@ ξs  $\rightarrow$  0), {z, zs}];  
qt = CF@Inverse@Table[ $K \delta_{z,\xi} - \partial_{z,\xi} Q$ , {ξ, ξs}, {z, zs}];  
zrule = Thread[zs  $\rightarrow$  CF[qt. (zs + ys)]];  
ξrule = Thread[ξs  $\rightarrow$  ξs + ηs.qt];  
CF /@ E[L, c + ηs.qt.ys,  
Det[qt] Zipξs[P /. (zrule  $\cup$  ξrule)]]];
```