```
QZip_{ξs_List,simp_}@𝔼[L_, Q_, P_] :=
  Module[{ξ, z, zs, c, ys, ηs, qt, zrule, Q1, Q2},
   zs = Table[ξ*, {ξ, ξs}];
   c = Q /. Alternatives @@ (ξs ⋃ zs) → 0;
   ys = Table[∂_ξ (Q /. Alternatives @@ zs → 0), {ξ, ξs}];
   ηs = Table[∂_z (Q /. Alternatives @@ ξs → 0), {z, zs}];
   qt = Inverse@Table[Kδ_{z,ξ*} - ∂_{z,ξ}Q, {ξ, ξs}, {z, zs}];
   zrule = Thread[zs → qt.(zs + ys)];
   Q2 = (Q1 = c + ηs.zs /. zrule) /. Alternatives @@ zs → 0;
   simp /@ 𝔼[L, Q2, Det[qt] ℯ^-Q2 Zip_ξs[ℯ^Q1 (P /. zrule)]]];
QZip_{ξs_List} := QZip_{ξs,CF};
```