```
𝔼 /: Zip_ℱs_List@𝔼[Q_, P_] :=      (* 𝔼[Q,P] means ℯ^QP *)
  Module[{ℱ, z, zs, c, ys, ηs, qt, zrule, Q1, Q2},
   zs = Table[ℱ*, {ℱ, ℱs}];
   c = Q /. Alternatives @@ (ℱs ⋃ zs) → 0;
   ys = Table[∂_ℱ (Q /. Alternatives @@ zs → 0), {ℱ, ℱs}];
   ηs = Table[∂_z (Q /. Alternatives @@ ℱs → 0), {z, zs}];
   qt = Inverse@Table[Kδ_z,ℱ* - ∂_z,ℱ Q, {ℱ, ℱs}, {z, zs}];
   zrule = Thread[zs → qt.(zs + ys)];
   Q1 = c + ηs.zs /. zrule; Q2 = Q1 /. Alternatives @@ zs → 0;
   Simplify /@ 𝔼[Q2, Det[qt] ℯ^-Q2 Zip_ℱs[ℯ^Q1 (P /. zrule)]]];
```