```
Λ = -ħ η_i ξ_j c_k + (ξ_i + ξ_j) x_k + (η_i + η_j) y_k;
Simplify@With[{𝔼 = MatrixExp},
  𝔼[ξ_i ρx].𝔼[η_i ρy].𝔼[ξ_j ρx].𝔼[η_j ρy] ==
   𝔼[∂_{x_k} Λ ρx].𝔼[∂_{y_k} Λ ρy].𝔼[∂_{c_k} Λ ρc]]
```