Pensieve header: μ-calculus clippings - not to be executed.

```
hta[x_, y_, z_][λ[ω_, μ_]] := Module[{μx, Adμx},
   μx = MakeLieSeries[D[μ, h[x]]];
   Adμx = LieMorphism[{LW[y] → Ad[ScaleLieSeries[-1, μx]][LW[z]]}];
   λ[
    AddCWSeries[StableApply[Adμx, ω], J[LW[y], μx]],
    Collect[μ, _h, StableApply[Adμx, #] &]
   ]
  ];
hta[x_, y_][λ[ω_, μ_]] :=
  λ[ω, μ] // hta[x, y, ⟨"z"⟩] // LieMorphism[{LW["z"] → LW[y]}];
dm[x_, y_, z_][λ_] := λ // hta[y, x] // tm[x, y, z] // hm[x, y, z];

Ad[x_] := adSeries[E^(-ad), x];

J[-1, ___] = MakeCWSeries[0];
J[n_, y_LW, μ_LieSeries, s_] := J[n, y, μ, s] = Module[
    {sμ, μs},
    sμ = ScaleLieSeries[s, μ];
    μs = StableApply[LieMorphism[{y → Ad[ScaleLieSeries[-1, sμ]][LW[z]]}], μ];
    μs = μs // LieMorphism[{LW[z] → y}];
    IntegrateCWSeries[
     AddCWSeries[
      J[n - 1, y, μ, s] // LieDerivation[{y → b[μs, y]}],
      div[y, μs]
     ],
     {s, 0, s}
    ]
   ];
J[y_LW, μ_LieSeries] := J[y, μ] = Module[{cws, s},
    cws = Unique[J];
    cws[] = Hold[J[y, μ]];
    cws[d_Integer] := cws[d] = J[d - 1, y, μ, s][d] /. s → 1;
    CWSeries[cws]
   ];
```