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Define[aSti = Module[{(*TTL, *)},
  ES[s-][ $\mathcal{E}$ -] := (EchoLabel[s][Short[ $\mathcal{E}$ , 2]]];  $\mathcal{E}$ );
  TTL = TT $\lambda$ @Reverse@Table[UCF[If[ $\tau$ [g] == "x",  $\lambda$ , 1] (g*)i Si[Ui[g]]], {g, $PBWGens}]];
  mons[-1] = {};
  mons[p-] := mons[p - 1]  $\cup$  Union@Cases[Coefficient[TTL,  $\epsilon$ , p], Ui[x---]  $\Rightarrow$  Ui[x],  $\infty$ ];
  ff = Table[
    Sum[ $\epsilon^p$  fp, ui[ $\lambda$ ], {p, 0, $k}],
    {u, $PBWGens}
  ] /. fp, ui[ $\lambda$ ] /.  $\tau$ [u] == "a"  $\Rightarrow$  If[p == 0, -(u*)i, 0];
  fs = Flatten[Table[
    fp,  $\mathbb{P}_i$ [m],
    {p, 0, $k}, {m, mons[p]}
  ]];
  gg = Sum[
     $\epsilon^p$  fp,  $\mathbb{P}_i$ [u][ $\lambda$ ]  $\mathbb{P}_i$ [u],
    {p, 0, $k}, {u, Complement[mons[p], (Ui /@ $PBWGens)]}
  ];
  G = Series[egg, { $\epsilon$ , 0, $k}];
  S[B-] := UCF[Oi[Seepagei[ff, UCF@B]]];
  SG = S[G];
  TTR = UCF[Inverti[SG]  $\boxtimes$  S[( $\partial_\lambda$  (ff. (#i & /@ $PBWGens)) G +  $\partial_\lambda$  G)]];
  diff = UCF[TTL - TTR];
  eqns = Flatten[Table[
    Coefficient[Coefficient[diff, m],  $\epsilon$ , p] == 0,
    {p, 0, $k}, {m, mons[p]}
  ]];
  inits = (#[0] == 0) & /@ fs;
  ss = TriangularDSolve[eqns, inits, fs,  $\lambda$ , CF];
   $\mathbb{E}_{\{i\} \rightarrow \{i\}}$  @@ Table[As[p, 0, $k], Plus[
    If[p == 0, Sum[As[m, 1, $n - 1], - $\alpha$ [m]i (a[m]i)], 0],
    Total[Cases[fs, fp, -]] /. fp, u  $\Rightarrow$  u (fp, u /. ss)[ $\lambda$ ] /.  $\lambda$  |  $\hbar$  |  $\gamma \rightarrow 1$ ]
  ]
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