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DeclareAlgebra[QU, Generators → {y, a, x},
  Centralss → {t, T}];

B[aQU, yQU] = -γ yQU; B[xQU, aQU] = -γ QU@x;
B[xQU, yQU] := SS[qℏ - 1] QU@{y, x} +
  ØQU[{a}, SS[(1 - T e-2εaℏ) / ℏ]];
(S@yQU := ØQU[{a, y}, SS[-T-1 eℏεa y]]; S@aQU = -aQU;
 S@xQU := ØQU[{a, x}, SS[-eℏεa x]])
Si[QU, Centralss] = {ti → -ti, Ti → Ti-1};

Δ@yQU := ØQU[{y1, a1}1, {y2}2, SS[y1 + T1 e-ℏεa1 y2]];
Δ@aQU = QU@a1 + QU@a2;
Δ@xQU := ØQU[{a1, x1}1, {x2}2, SS[x1 + e-ℏεa1 x2]];
Δi → j, k[QU, Centralss] = {ti → tj + tk, Ti → Tj Tk};

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