

Pensieve header: Implementing and testing the “ybax” algebra QU.

```
SetDirectory@"C:\\drorbn\\AcademicPensieve\\Projects\\SolvablePBW";
<< Engine.m
```

```
$k = 2;
```

```
Gens =
```

```
B[U@a, U@y] = -U@y; B[U@x, U@a] = -U@x;
```

```
B[U@x, U@y] := Normal[eε - 1 + O[ε]$k+1] U@{y, x} + O[{a}, Normal[1 - T e-2 ε a + O[ε]$k+1]];
```