

Pensieve Header: Is β calculus related to twisted Drinfel'd doubles?

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\2012-01"];
```

```
<< betaCalculus.m
```

```
(a ar[1, 1]) ** (b ar[1, 1])
```

```
(a + b + a b c[1]) h[1] t[1]
```

```
((a ar[1, 1]) ** (b ar[1, 1])) ** (c ar[1, 1])
```

```
(a + b + c + a b c[1] + a c c[1] + b c c[1] + a b c c[1]2) h[1] t[1]
```

```
(a ar[1, 1]) ** ((b ar[1, 1]) ** (c ar[1, 1]))
```

```
(a + b + c + a b c[1] + a c c[1] + b c c[1] + a b c c[1]2) h[1] t[1]
```