

```
( $\gamma$  // CC{u,v} [{ $\alpha$ ,  $\beta$ }] // RC{u,v} [{- $\alpha$ , - $\beta$ }] )  $\equiv$   $\gamma$ 
```

```
True
```

```
( $\gamma$  // CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}] // RC{u,v} [{- $\alpha$ , -MakeLieSeries[0]}])  $\equiv$   $\gamma$ 
```

```
True
```

```
CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}]
```

```
LieMorphism[LieMorphism$6250]
```

```
Support // CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}]
```

```
{<u>, <v>}
```

```
 $\gamma$  // CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}]
```

$$\text{LS} \left[-\overline{t} + \overline{u} - \overline{v}, \overline{tu} - \frac{\overline{tv}}{2}, \right. \\ \left. -\frac{5}{6} \overline{ttu} + \overline{ttv} - \frac{1}{2} \overline{tuv} - \frac{1}{3} \overline{uuv} - \overline{tuu} - \frac{1}{6} \overline{tvu} - \frac{5}{3} \overline{tvv} - \frac{2}{3} \overline{uvv} \right]$$

```
RC{u,v} [{- $\alpha$ , -MakeLieSeries[0]}]
```

```
LieMorphism[LieMorphism$6247]
```

```
{- $\alpha$ , -MakeLieSeries[0]}
```

$$\left\{ \text{LS} \left[0, \overline{tu} + \overline{tv}, \frac{1}{3} \overline{ttu} - \frac{3}{2} \overline{ttv} + \frac{3}{2} \overline{tuv} + \frac{2}{3} \overline{uuv} - \frac{1}{2} \overline{tuu} - \frac{3}{2} \overline{tvu} - \frac{11}{6} \overline{tvv} + \overline{uvv} \right], \right. \\ \left. \text{LS} [0, 0, 0] \right\}$$

```
u // RC{u,v} [{- $\alpha$ , -MakeLieSeries[0]}]
```

$$\text{LS} \left[\overline{u}, 0, \overline{tuu} + \overline{tvu} \right]$$

```
u // CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}]
```

$$\text{LS} \left[\overline{u}, 0, -\overline{tuu} - \overline{tvu} \right]$$

```
v // CC{u,v} [{ $\alpha$ , MakeLieSeries[0]}]
```

```
LS[ $\overline{v}$ , 0, 0]
```

```
u // CCu [ $\alpha$ ]
```

$$\text{LS} \left[\overline{u}, 0, -\overline{tuu} - \overline{tvu} \right]$$

```
u // RCu [- $\alpha$ ]
```

$$\text{LS} \left[\overline{u}, 0, \overline{tuu} + \overline{tvu} \right]$$

```
u // RC{u,v}[- $\alpha$ , - $\beta$ ]
```

```
LS[ $\overline{u}$ , 0,  $\overline{tuu} + \overline{tvu}$ ]
```

```
RCu[- $\alpha$ ]
```

```
InverseLieMorphismOnGenerator$867
```

```
LieMorphism[LieMorphism$868]
```