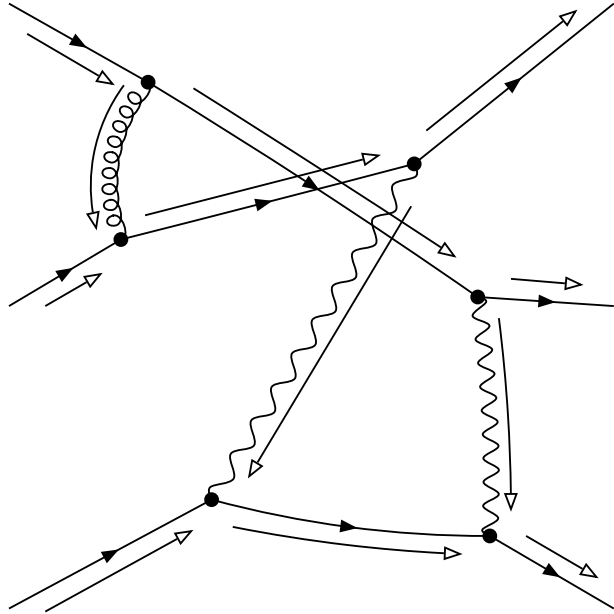


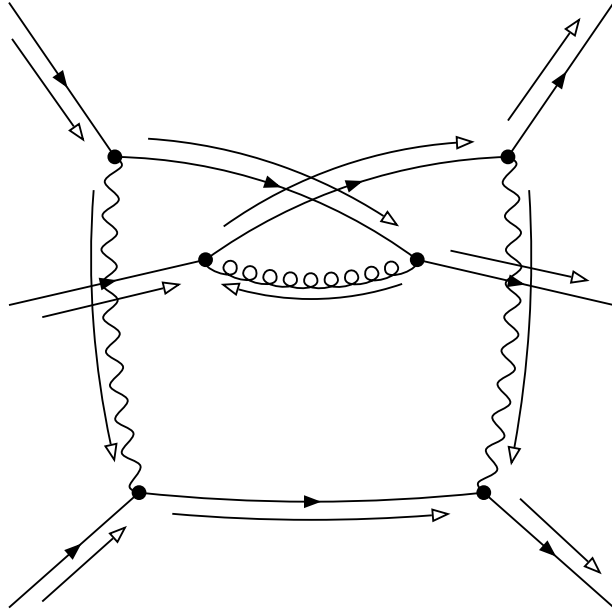
**graph 1**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

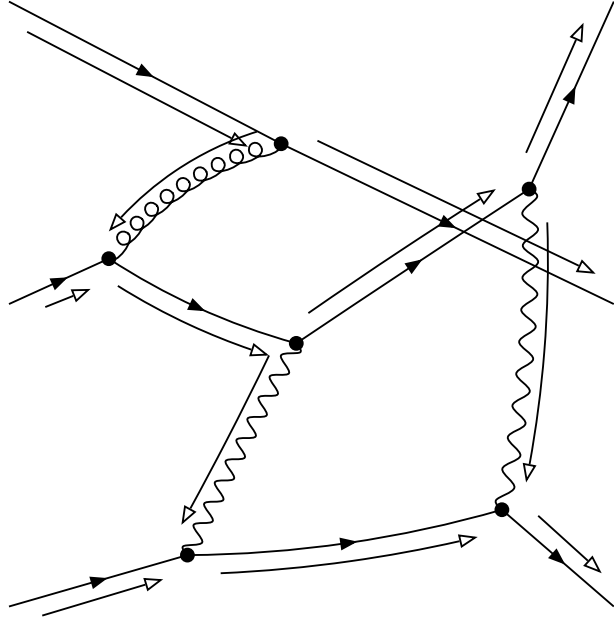
graph 2



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

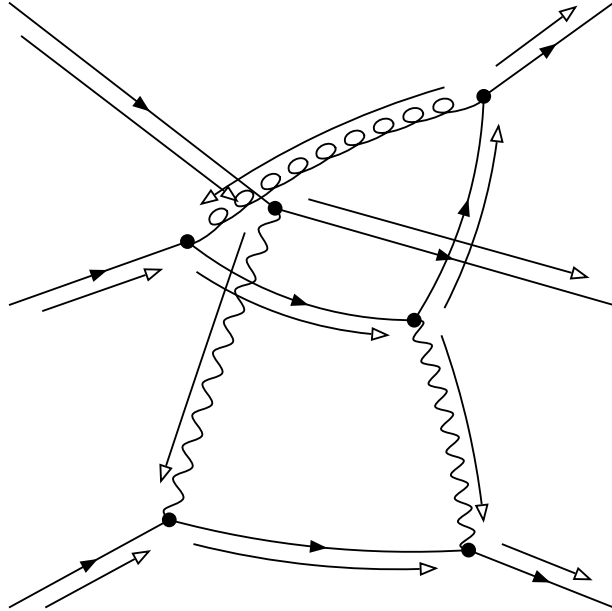
**graph 3**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

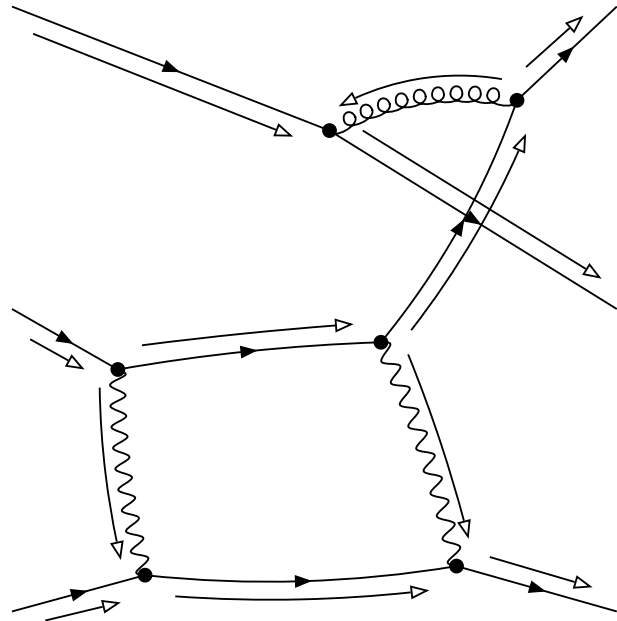
graph 4



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

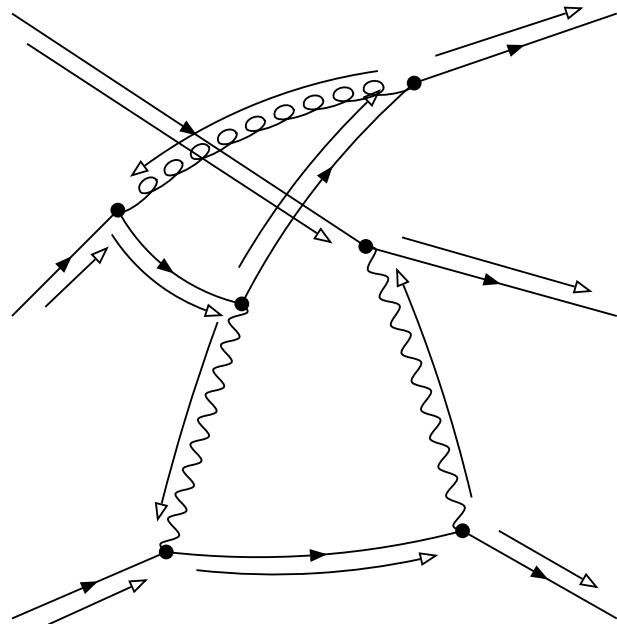
**graph 5**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

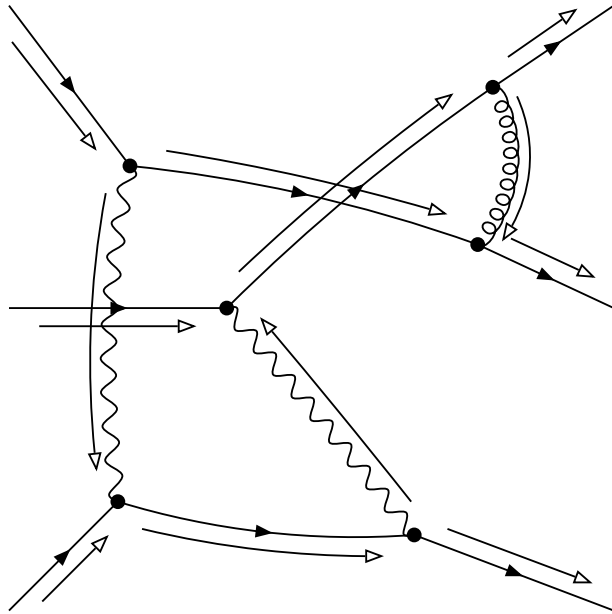
graph 6



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

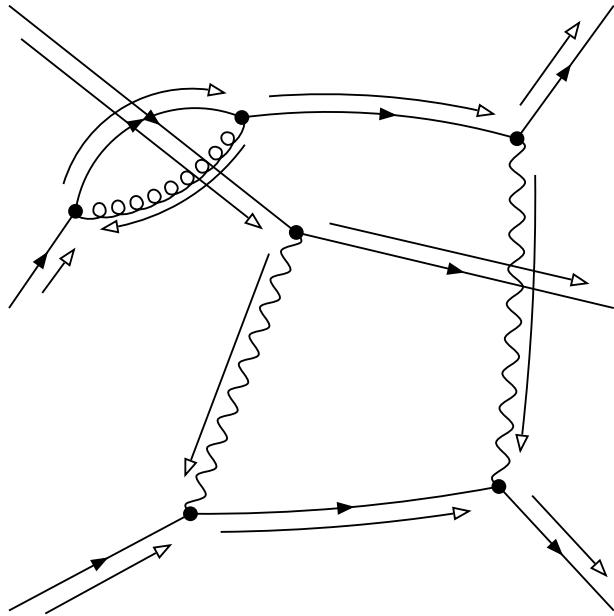
graph 7



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

**graph 8**

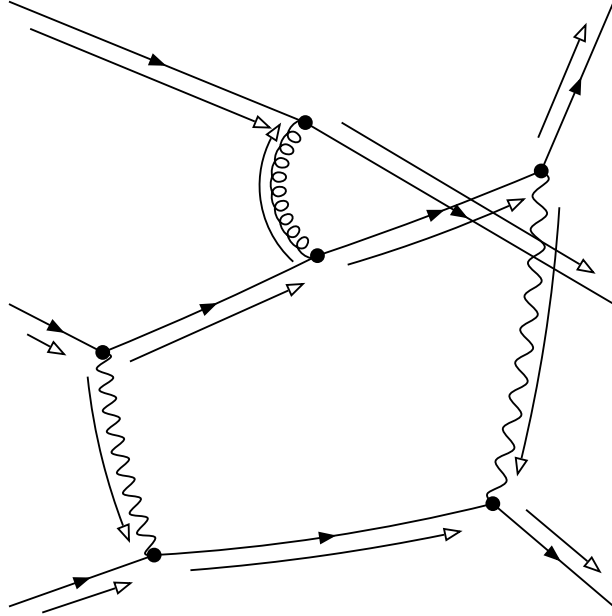


```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```



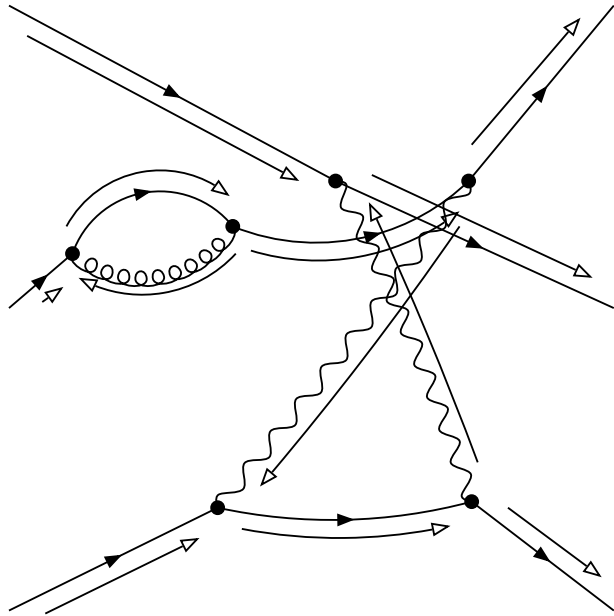
**graph 9**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

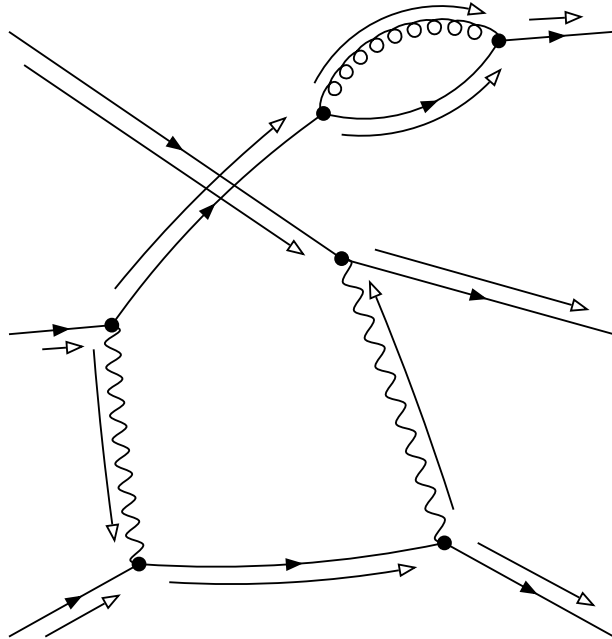
**graph 10**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

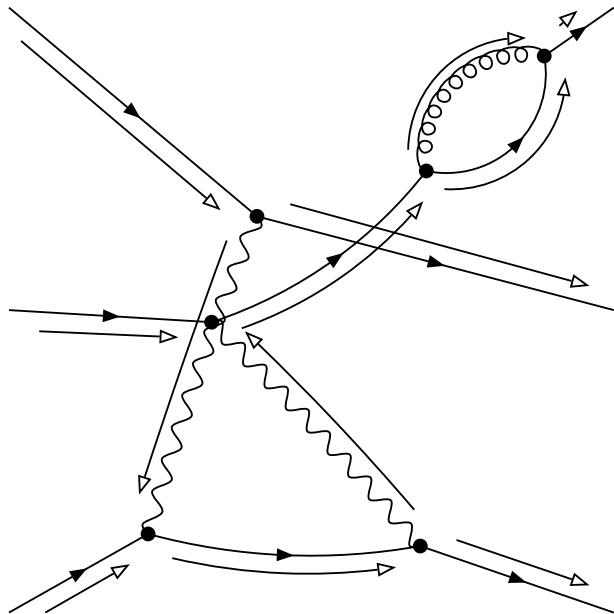
**graph 11**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

**graph 12**



```
2 [Pdg { pdg: 1 }, Pdg { pdg: 1 }, Pdg  
{ pdg: 11 }]
```

```
AutG(1)^-1*ExternalFermionOrderingSign(1)*AntiFermionSpinSumSign(1)*NumeratorIndependentSymmetryGrouping(2)
```

