In [1]:
```
from wilson import Wilson
wc=Wilson({'qe_2213' : 1}, scale=100, eft='SMEFT', basis='Warsaw')
mZ=wc.get_option('smeft_matchingscale')
```

Warsaw -> JMS

In [2]:
```
wc=Wilson({'qe_2213' : 1}, scale=mZ, eft='SMEFT', basis='Warsaw')
wc.match_run(scale=mZ,eft='WET',basis='JMS')
```

Out[2]:

WCxf Wilson coefficients

EFT	Basis	scale
WET	JMS	91.1876 GeV

Values

	Re	Im
VdeLR_2313	-6.925341e-18	2.168404e-19
VdeLR_2331	-6.925341e-18	2.168404e-19
VdeLR_1231	2.845999e-17	2.456396e-20
VdeLR_1213	2.845999e-17	2.456396e-20
VueLR_1231	2.183877e-01	7.342389e-06
VueLR_1213	2.183877e-01	7.342389e-06
VdeLR_1113	-1.400791e-17	0.000000e+00
VdeLR_2213	1.000000e+00	0.000000e+00
VdeLR_3313	2.168404e-19	0.000000e+00
VueLR_1113	5.031049e-02	0.000000e+00
VueLR_2213	9.479770e-01	0.000000e+00

In [3]:
```
wc=Wilson({'qe_3313' : 1.}, scale=mZ, eft='SMEFT', basis='Warsaw')
wc.match_run(scale=mZ,eft='WET',basis='JMS')
```

Out[3]:

WCxf Wilson coefficients

EFT	Basis	scale
WET	JMS	91.1876 GeV

Values

	Re	Im
VdeLR_2313	6.938894e-18	0.000000e+00
VdeLR_2331	6.938894e-18	0.000000e+00
VdeLR_1313	-1.734723e-18	8.673617e-19
VdeLR_1331	-1.734723e-18	8.673617e-19
VdeLR_1231	1.084202e-19	-2.710505e-20
VdeLR_1213	1.084202e-19	-2.710505e-20
VueLR_1231	4.527178e-05	-1.459396e-04
VueLR_1213	4.527178e-05	-1.459396e-04
VdeLR_2213	2.168404e-19	0.000000e+00
VdeLR_3313	1.000000e+00	0.000000e+00
VueLR_1113	1.310440e-05	0.000000e+00
VueLR_2213	1.781684e-03	0.000000e+00

Warsaw up -> JMS

In [6]:

```
wc=Wilson({'qe_2213' : 1}, scale=mZ, eft='SMEFT', basis='Warsaw up')
wc.match_run(scale=mZ,eft='WET',basis='JMS')
```

Out[6]:

WCxf Wilson coefficients

EFT	Basis	scale
WET	JMS	91.1876 GeV

Values

	Re	Im
VdeLR_2313	0.041097	0.000001
VdeLR_2331	0.041097	0.000001
VdeLR_1313	-0.009461	0.000006
VdeLR_1331	-0.009461	0.000006
VdeLR_1231	-0.218237	0.000146
VdeLR_1213	-0.218237	0.000146
VdeLR_1113	0.050241	0.000000
VdeLR_2213	0.947977	0.000000
VdeLR_3313	0.001782	0.000000
VueLR_2213	1.000000	0.000000

In [7]:

```
wc=Wilson({'qe_3313' : 1.}, scale=mZ, eft='SMEFT', basis='Warsaw up')
wc.match_run(scale=mZ,eft='WET',basis='JMS')
```

Out[7]:

WCxf Wilson coefficients

EFT	Basis	scale
WET	JMS	91.1876 GeV

Values

	Re	Im
VdeLR_2313	-0.041338	0.000774
VdeLR_2331	-0.041338	0.000774
VdeLR_1313	0.008416	0.003363
VdeLR_1331	0.008416	0.003363
VdeLR_1231	-0.000346	-0.000146
VdeLR_1213	-0.000346	-0.000146
VdeLR_1113	0.000082	0.000000
VdeLR_2213	0.001712	0.000000
VdeLR_3313	0.998205	0.000000

In [ ]: