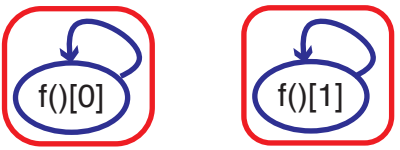
Sum reduction of complex-number

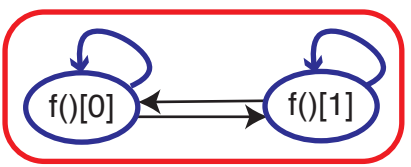
```
f() = {f()[0] + g(r.x)[0], f()[1] + g(r.x)[1]}
```




```
Subgraphs: {f()[0] : {f()[0]}, f()[1] : {f()[1]} }
```

Multiply reduction of complex-number

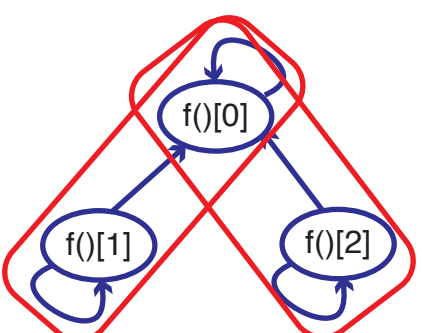
```
f() = {f()[0]*g(r.x)[0] - f()[1]*g(r.x)[1],
       f()[1]*g(r.x)[0] + f()[0]*g(r.x)[1]}
```




```
Subgraphs: {f()[0] : {f()[0], f()[1]}, f()[1] :
{f()[0], f()[1]}}
```

Two-dimensional argmin

```
f() = {min(f()[0], g(r.x, r.y)),
       select(f()[0] < g(r.x, r.y), f()[1], r.x),
       select(f()[0] < g(r.x, r.y), f()[2], r.y)}
```




```
Subgraphs: {{f()[0] : {f()[0]}, f()[1] : {f()[0],
f()[1]}, f()[2] : {f()[0], f()[2]}}
```