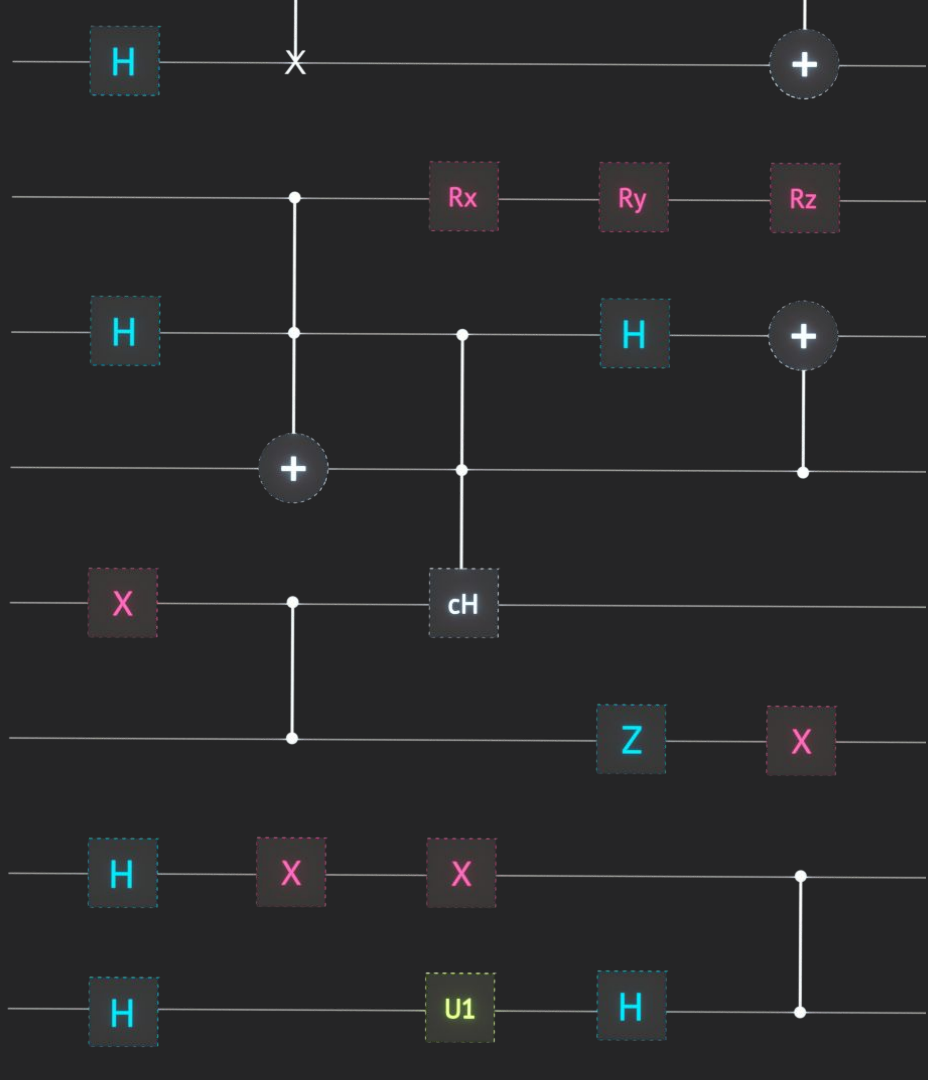
CLASSIQ

Let’s Keep It Short

Phase Oracle in a Single Line of Code

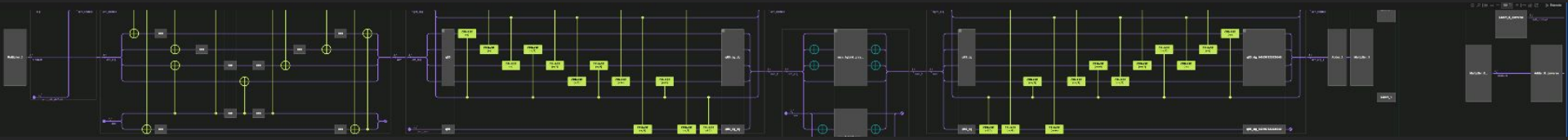
Dror Segman | Product Team



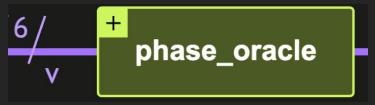
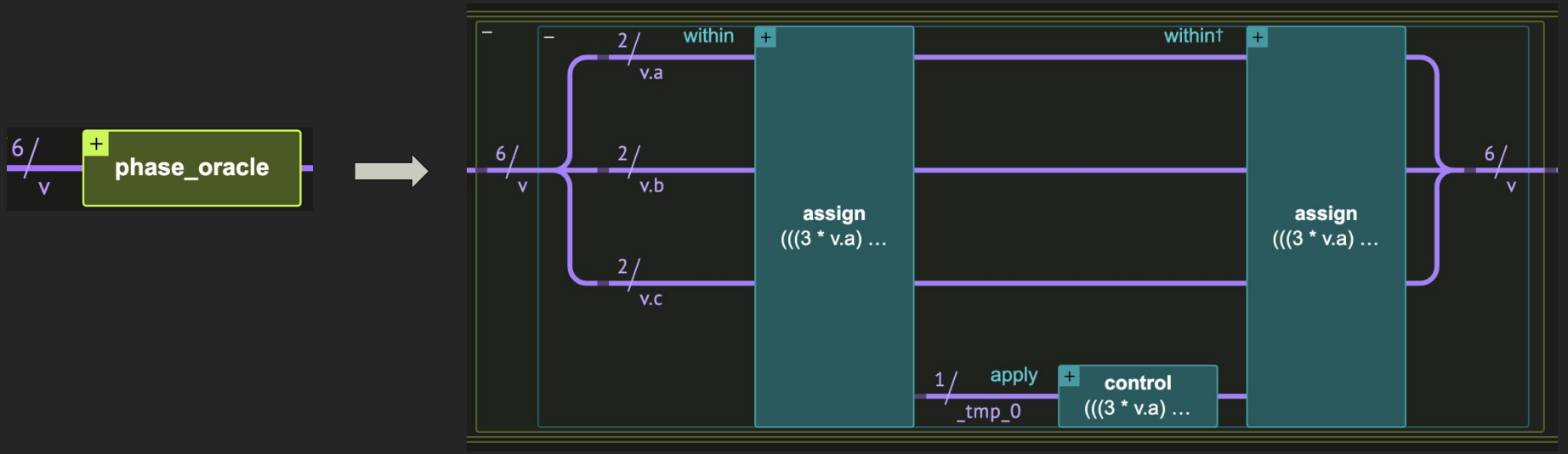
```
@qfunc
def phase_oracle(v: MyProblemVars):
```

```
@qfunc
def phase_oracle(v: MyProblemVars):
    control(3 * v.a + v.b + 2 * v.c == 9, lambda: phase(pi))
```

```python
@qfunc
def phase_oracle(v: MyProblemVars):
    control(3 * v.a + v.b + 2 * v.c == 9, lambda: phase(pi))
```



```
@qfunc
def phase_oracle(v: MyProblemVars):
    control(3 * v.a + v.b + 2 * v.c == 9, lambda: phase(pi))
```



```python
@qfunc
def phase_oracle(v: MyProblemVars):
    control(3 * v.a + v.b + 2 * v.c == 9, lambda: phase(pi))
```