

# Benchmark

Algorithm 0:

```
for g0 ← 0 : G0top : G0bot - 1
  for g1 ← 0 : G1top : G1bot - 1
    for b0 ← 0 : B0top : B0bot - 1
      for b1 ← 0 : B1top : B1bot - 1
        for r0 ← 0 : R0top : R0bot - 1
          for r1 ← 0 : R1top : R1bot - 1
            O(g0, g1, b0, b1, r0, r1) ←
              I(g0, g1, b0, b1, r0, r1) × W(g0, g1, b0, b1, r0, r1)
```

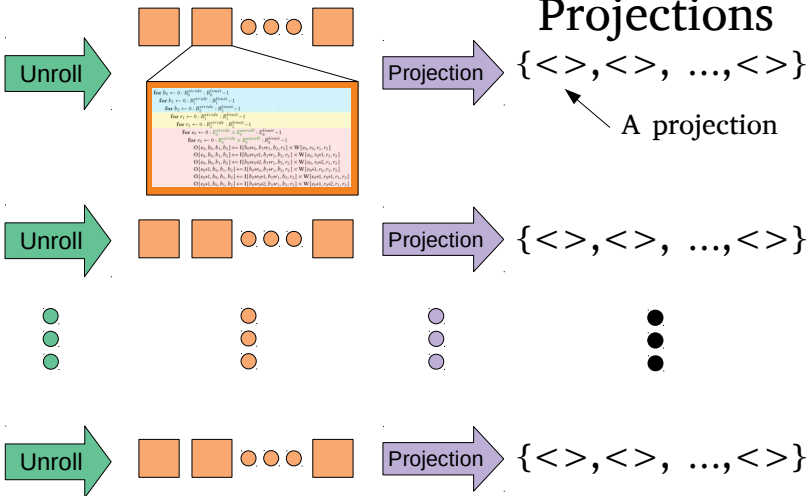
Algorithm 1:

```
for g0 ← 0 : G0top : G0bot - 1
  for g1 ← 0 : G1top : G1bot - 1
    for b0 ← 0 : B0top : B0bot - 1
      for b1 ← 0 : B1top : B1bot - 1
        for r0 ← 0 : R0top : R0bot - 1
          for r1 ← 0 : R1top : R1bot - 1
            O(g0, g1, b0, b1, r0, r1) ←
              I(g0, g1, b0, b1, r0, r1) × W(g0, g1, b0, b1, r0, r1)
```

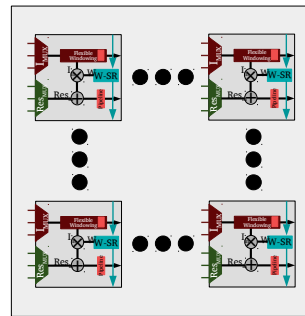
Algorithm N:

```
for g0 ← 0 : G0top : G0bot - 1
  for g1 ← 0 : G1top : G1bot - 1
    for b0 ← 0 : B0top : B0bot - 1
      for b1 ← 0 : B1top : B1bot - 1
        for r0 ← 0 : R0top : R0bot - 1
          for r1 ← 0 : R1top : R1bot - 1
            O(g0, g1, b0, b1, r0, r1) ←
              I(g0, g1, b0, b1, r0, r1) × W(g0, g1, b0, b1, r0, r1)
```

## Unrollings



## MLBlock-M



Projections	Configurations
P0 < >	Config 0
P1 < >	Config 1
P2 < >	Config 2
⋮	⋮