AD in PyTorch

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February 3, 2021
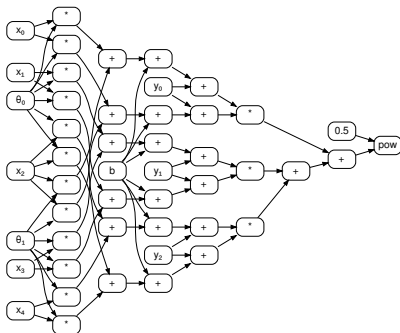
Static vs. Dynamic ADs

Static vs. Dynamic ADs: Representations

Program

```
sum = 0
l = [0, 0, 0, 0]
for i in range(0, 4):
  l[i] += t[i] * x[i]
for i in range(0, 4):
  l[i] -= y[i] - b
for i in range(0, 4):
  l[i] *= l[i]
for i in range(0, 4):
  sum += l[i]
l = sqrt(sum)
```

Computation Graph

AD in PyTorch

Stateful vs. stateless computation

1. Introduction to AD
2. Implicit vs.