Exercise07_Kusch_Reckermann_Weinreich_code

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1 7.1

1.1 (d)

[2]:
```
import torch
```

[4]:
```
x = torch.tensor(3.0, requires_grad=True)
c = torch.tensor(5.0, requires_grad=True)

f1 = x**2
f2 = torch.log(x)
f3 = f1 / f2
f4 = f3 + c
f5 = f3 - c
f6 = f4 * f5

# Backward computation
f6.backward()

# Print gradients
print(f"df6/dx: {x.grad}")
```

```
df6/dx: 48.756893157958984
```