



UiT / NORGES ARKTISKE
UNIVERSITET

Assignment 1

TST-101- Test course

The name

17. mars 2018

Inneholder 2 sider, inkludert forside.

INSTITUTE OF PHYSICS AND TECHNOLOGY

Oppgave 1

1a)

Gauss law tells us that

$$\oint_S \vec{E} \cdot d\vec{S} = \frac{Q_{\text{enc}}}{\varepsilon_0}$$