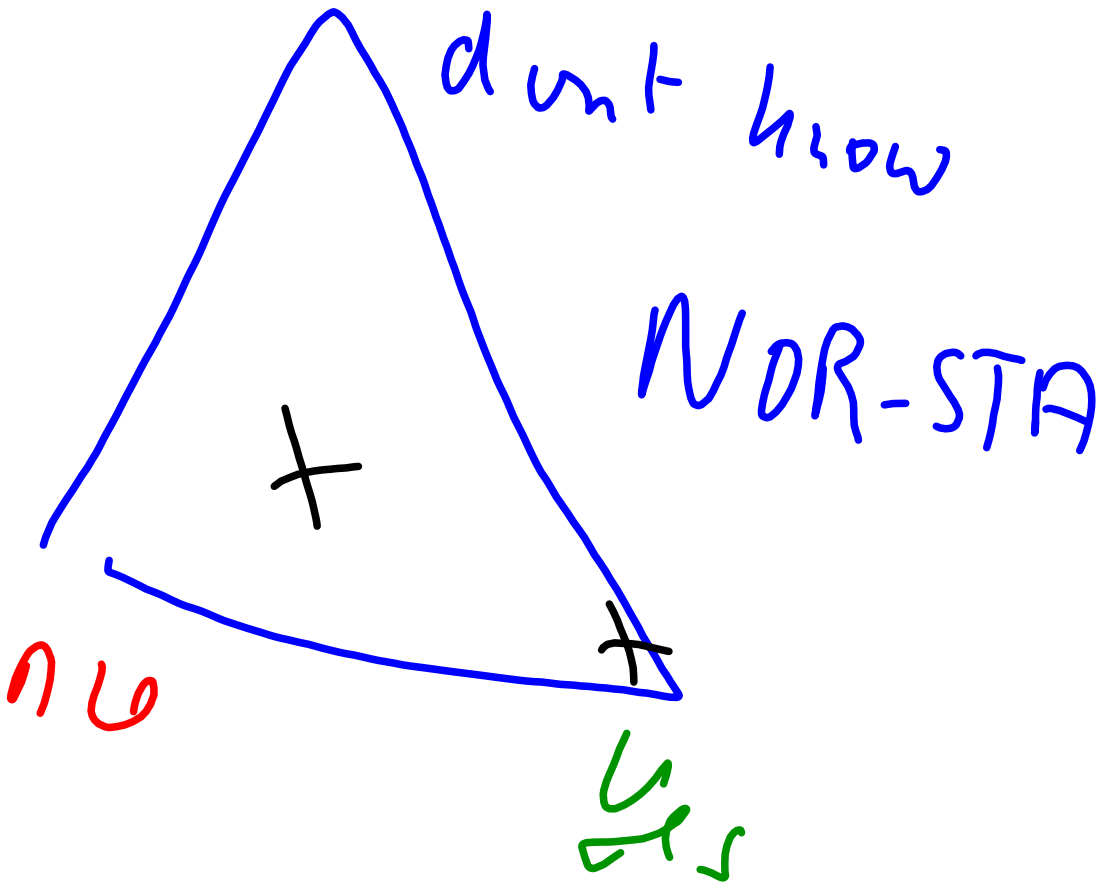

duct flow
NOR-STA

Smart Watches

Smart Phones

Crowdsourcing Systems

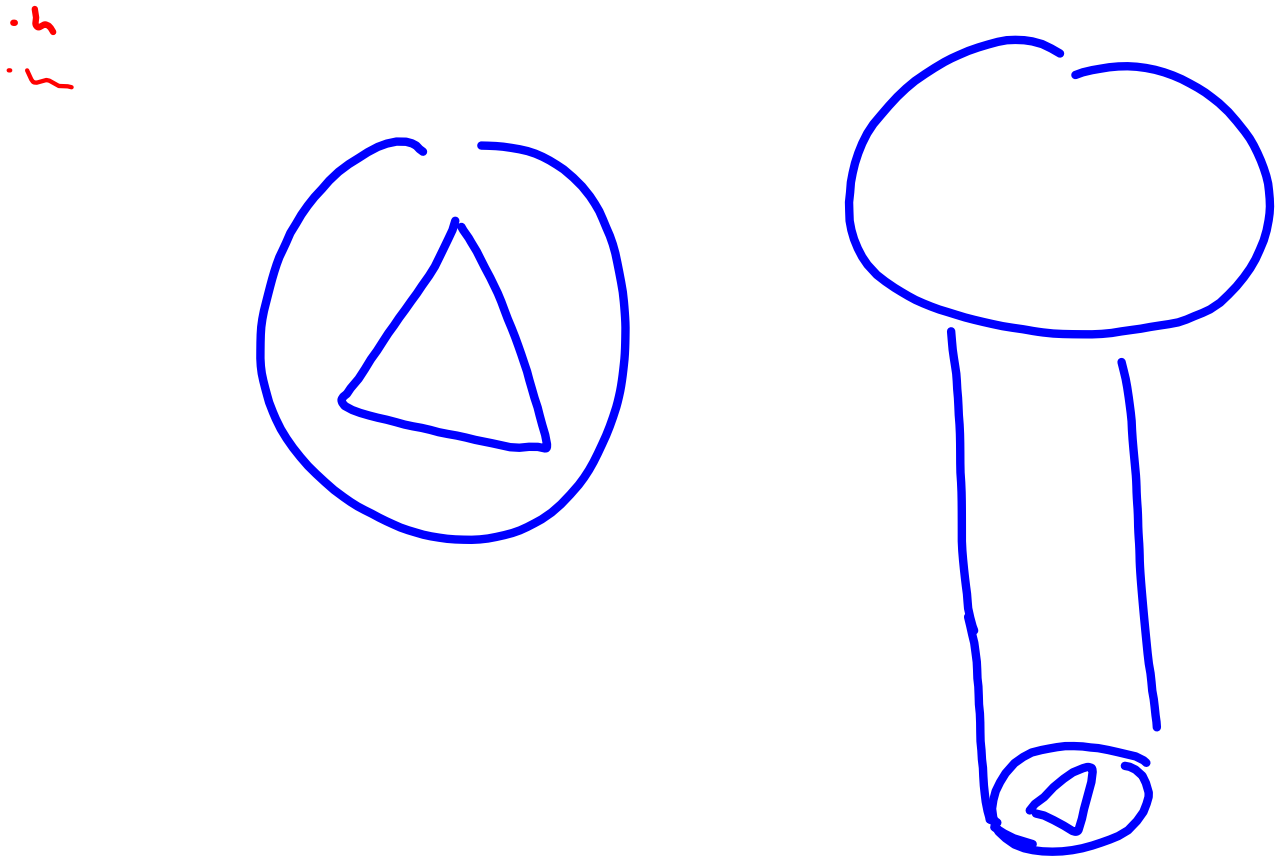
Web browser

} Privacy Labels (A - F)

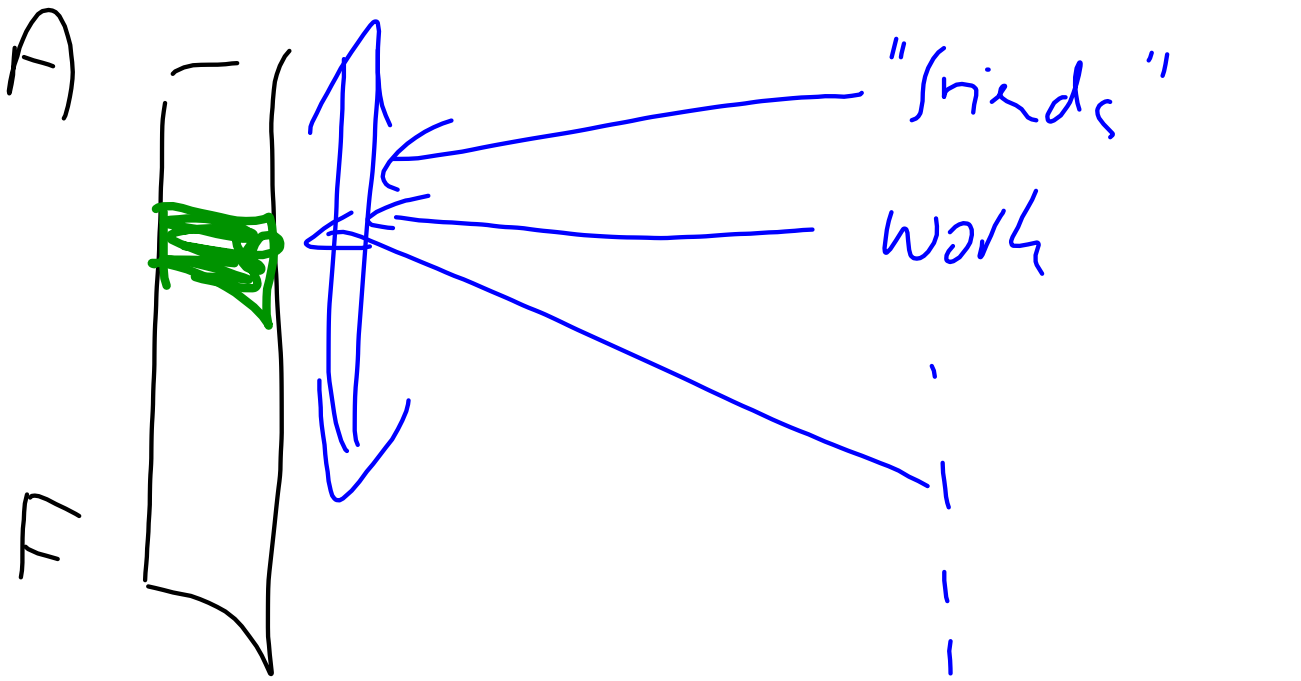
GDPR (D, E)

https://its-wiki.no/wiki/IoTSec:Publications

https://its-wiki.no/images/a/a1/201902_Seminar_MeasurableSecurityPrivacy_Noll.pdf



Privacy Slider & Context



Charging: 250 kW 3 min

120 km

Porsche & Tesla

$$I = \frac{250\,000\ W}{220\ V} \approx 1.200\ A$$


S
P
S
50
80
Billing
70
80
Alarm
70
80
20
70
Home Cato
door locks
80
70
80
80
20
70
10
20
80

auth.

priv. policy

tamper resistance

digital sign.

training

fall-back
↳ & update
SOTA over the air update
wireless

access control
↳ remote access

intrus. detec. syste

redundancy

eval:
- cost
- risk appetite

availability: quality

validation (control)

encryption

Weighting

Quadratic

$$\sqrt{\frac{x_1^2 \cdot w_i^2}{\sum w_i^2}}$$

100

Linear weight → Average

$$\frac{x_i \cdot w_i}{\sum w_i}$$

Average

$$\frac{x_1^2 \cdot 10 + x_2^2 \cdot 90}{100}$$

8100

- More information

https://its-wiki.no/images/1/1b/201804SCOTT-Security_Classes.pdf

A) Remote control (power variation)

B) Shut-off devices

A) home ↔ centralized

both

hot plug

easiness
security
privacy
delay

Smart meter:

- mad

Smart Home

- zero-sensing home appliances

logic:

Fdyn/Fos logic

⇒ phase meas.

& tariffs