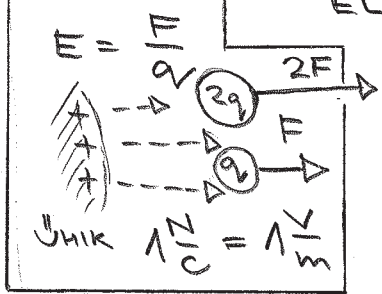
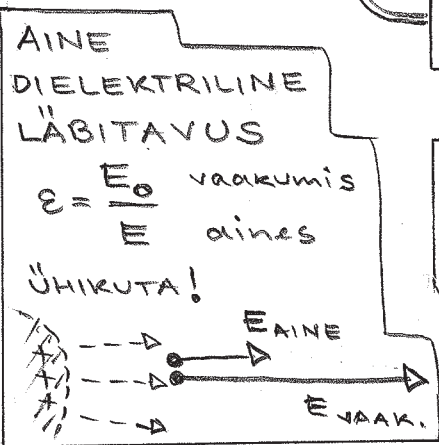


ELEKTRI- VÄLJA TUGEVUS



AINE MÕJU:



KUI AINET EI OLEKS...

ELEKTRINIHE = $\frac{LAENG}{PINDALA}$

$$\vec{D} = \epsilon_0 \epsilon \vec{E}$$

ÜHIK: $\frac{1 C}{m^2}$

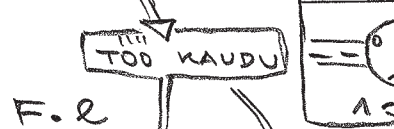
GAUSS: $\text{div } \vec{D} = \rho = \frac{dq}{dv}$

$$\oint_S \vec{D}_n ds = \sum q_i$$

S VÖÖG

LAENG q, Q

ühik KULON
EL. VÄLJA KIRJELDUS



AINE MÕJU:

$$A = F \cdot l$$

ÜHIK: $\frac{1 N}{C} = \frac{1 V}{m}$

POTENTSIAAL

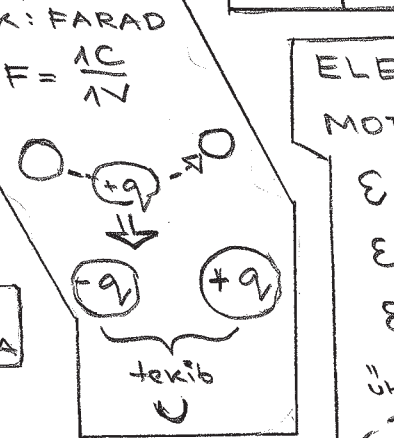
$$\varphi = \frac{E_p}{q}$$

ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$

POTENTSIAAL

$$\varphi = \frac{E_p}{q}$$

ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$

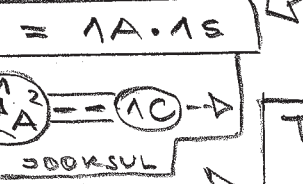


MAG. VÄLI ALLIKAVABA:

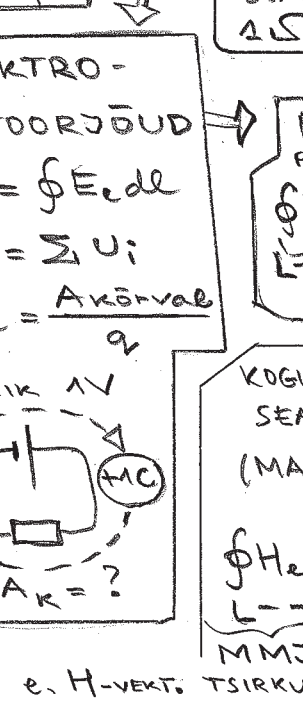
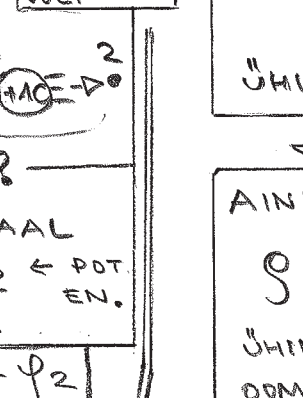
$$\oint_S \vec{B}_n ds = 0$$

S VÖÖG

$I = \frac{Q}{t}$



ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$



VOOLUTUGEVUS i, I

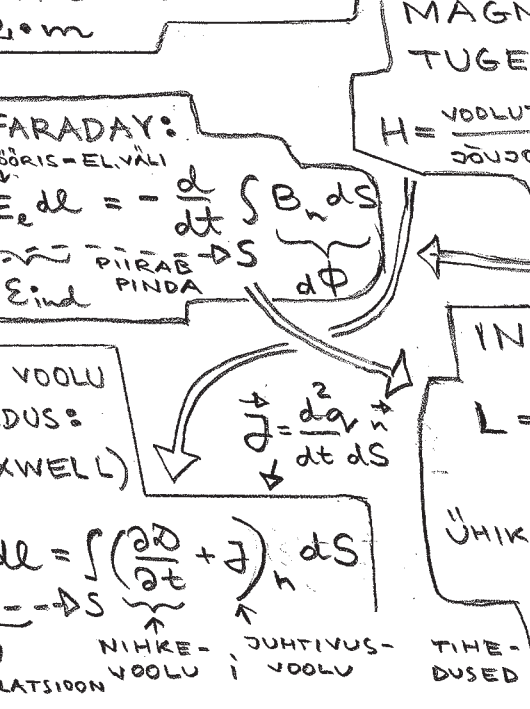
1A SI PÕHIÜHIK AMPER



ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$

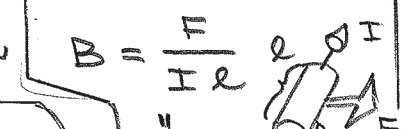
ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$

ÜHIK: $\frac{1 V}{1 C} = \frac{1 J}{1 C}$



MAGNET- INDUKTSIOON

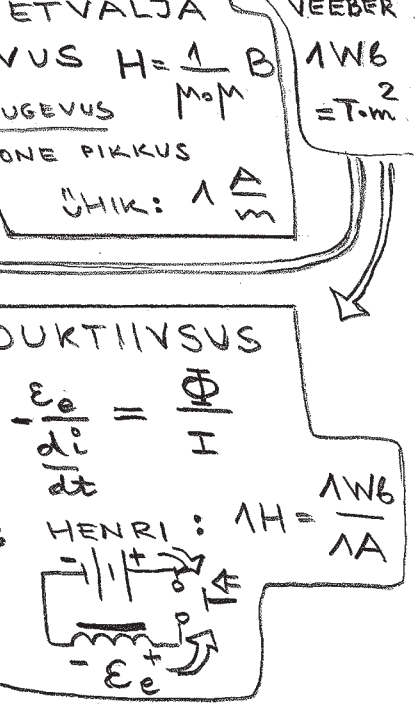
$B = \frac{F}{I l}$



ÜHIK: $\frac{1 N}{1 A \cdot 1 m} = \frac{1 T}{1 A \cdot 1 m}$

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ÜHIK: $\frac{1 N}{1 A \cdot 1 m} = \frac{1 T}{1 A \cdot 1 m}$



1 Wb = 1 T * 1 m^2