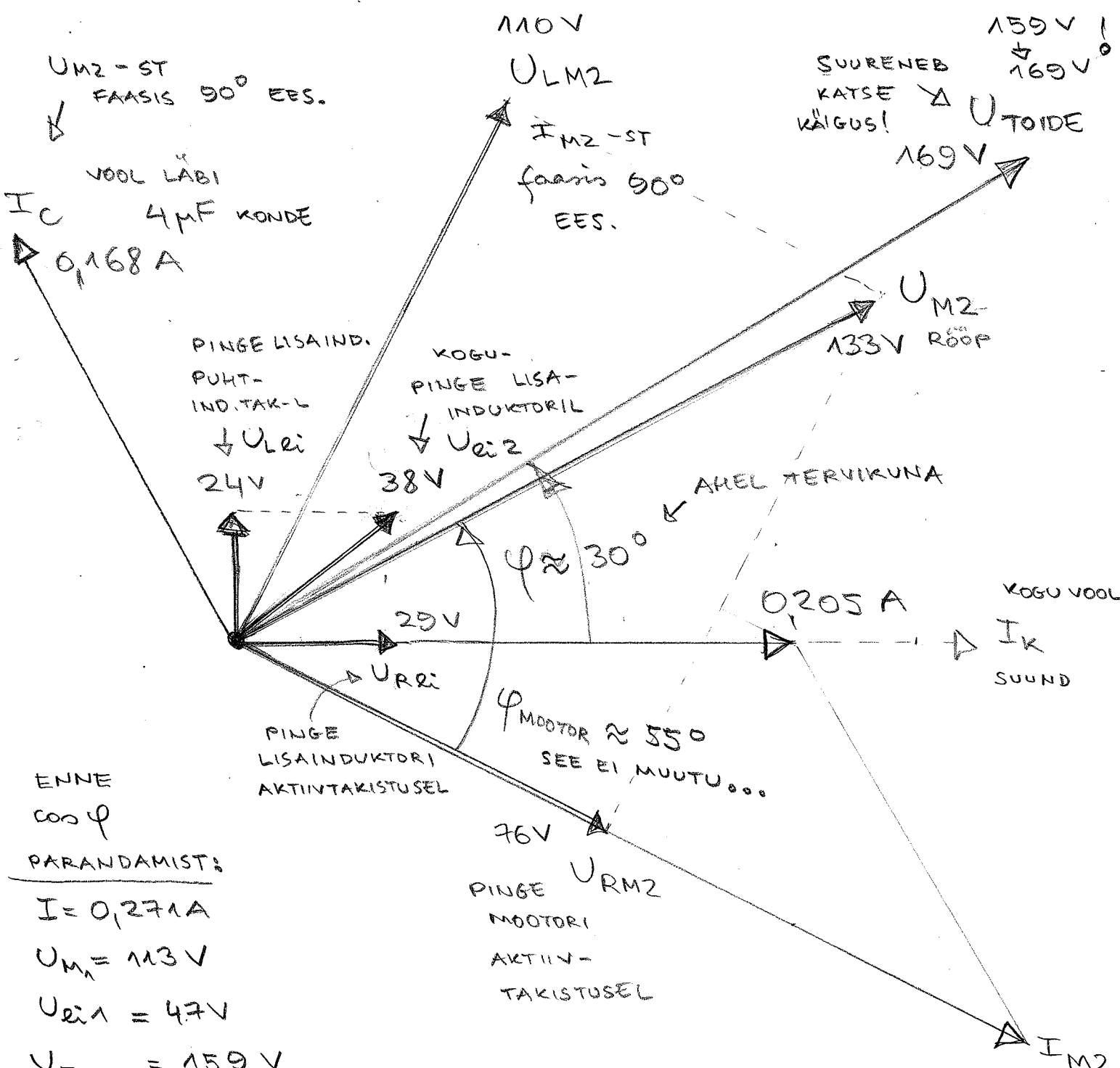


PINGE MOOTORI IND. TAKISTUSEL



ENNE
 $\cos \varphi$
 PARANDAMIST:

$I = 0,271 \text{ A}$
 $U_{M1} = 113 \text{ V}$
 $U_{R1} = 47 \text{ V}$
 $U_{TOIDE} = 159 \text{ V}$

KOGU IMPEDANTS:
 $\tilde{Z} = (375 + j443) \Omega$
 $|\tilde{Z}| = \frac{159 \text{ V}}{0,271 \text{ A}} = 587 \Omega$

$\varphi_{\text{AHEL}} \approx 50^\circ \Rightarrow \approx 30^\circ \text{ PEALE!}$

PÄRAST PARANDAMIST:

$\tilde{Z} = (707 + j404) \Omega$
 $|\tilde{Z}| = \frac{169 \text{ V}}{0,205 \text{ A}} = 824 \Omega$
 $\sqrt{707^2 + 404^2} = 814 \Omega$

$0,325 \text{ A}$
 VOOL MOOTORIS
 "PÄRIS HEA!"