Esercizione

① $I = 0,66\ A$

$\alpha = 49°$

$B = 47\ \mu T$

$F = 71\ \mu N$

$L = ?$

$F = I L B \operatorname{sen}\alpha$

$L = \dfrac{F}{I B \operatorname{sen}\alpha} = \dfrac{71 \cdot 10^{-6}\ N}{(0,66\ A)(47 \cdot 10^{-6}\ T)\operatorname{sen}49°} = 3,03\ m$

=

Sol.

① 3,03 m

② $1,85 \times 10^{-4}\ N \cdot m$

③ 1250

④ $t = 153\ \mu S$