Induction - autoinduction

I. Inductance d'ave bobine

100.1

Inductance dans une loline

: gatro M (1

Colculs:

$$0 = \frac{Ve}{R} + \frac{Vs}{jul + n} = \frac{Ve}{R} = \frac{-Vs}{jul + n} = \frac{-\frac{Vs}{ve}}{Ve} = -\frac{jul + n}{R}$$

$$= \frac{Vs}{Ve} = -\frac{jul}{R} - \frac{n}{R}$$

$$dl = \sqrt{\frac{1}{T}} \int_{-\infty}^{\infty} u^2(t) dt$$

=
$$\left(\frac{n}{R}$$
 roe costut+4) + $\frac{nL}{R}$ roe sim (ut+4)) + $j(-)$

Re(Vs)

$$=7 \text{ VRMS}$$

$$= \sqrt{\frac{1}{2}} \left(\frac{\text{N De}}{\text{R}} \right)^2 + \left(\frac{\text{NL}}{\text{R}} \right)^2 \right)$$

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