

$$U_{c}(s) = -\frac{1}{2} \cdot (s^{2}+4)(s^{4}+s^{4}+2)$$

$$S^{2} = (4s^{4}+4)(s^{4}+s^{4}+2)$$

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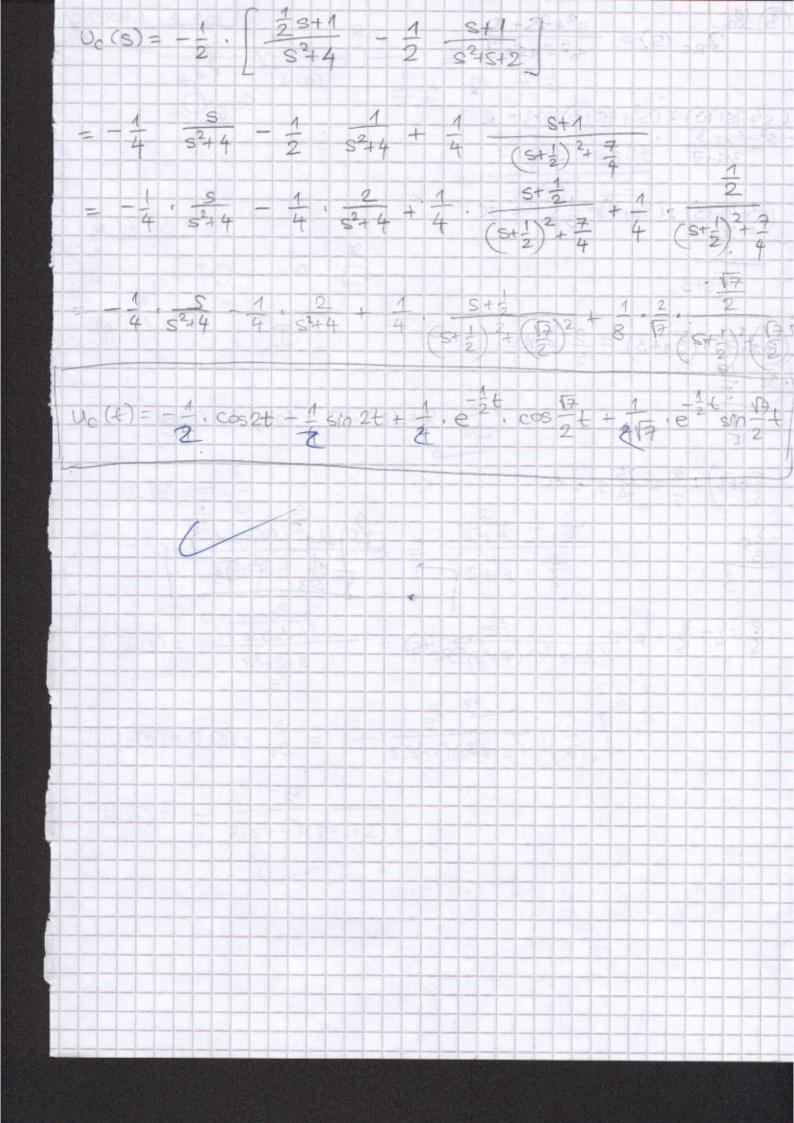
$$S^{2} = (4s^{4}+s^{4}+s^{4}+s^{4}+s^{4}+2)$$

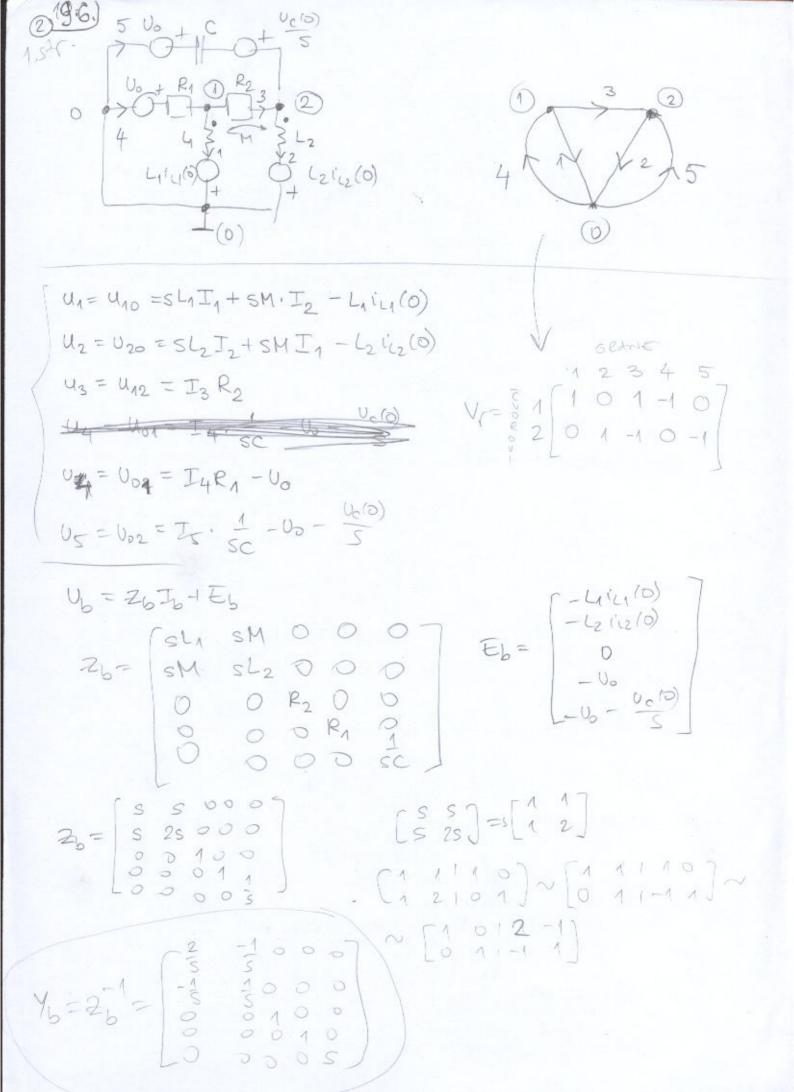
$$S^{2} = (4s^{4}+s^{4}+s^{4}+s^{4}+s^{4}+2)$$

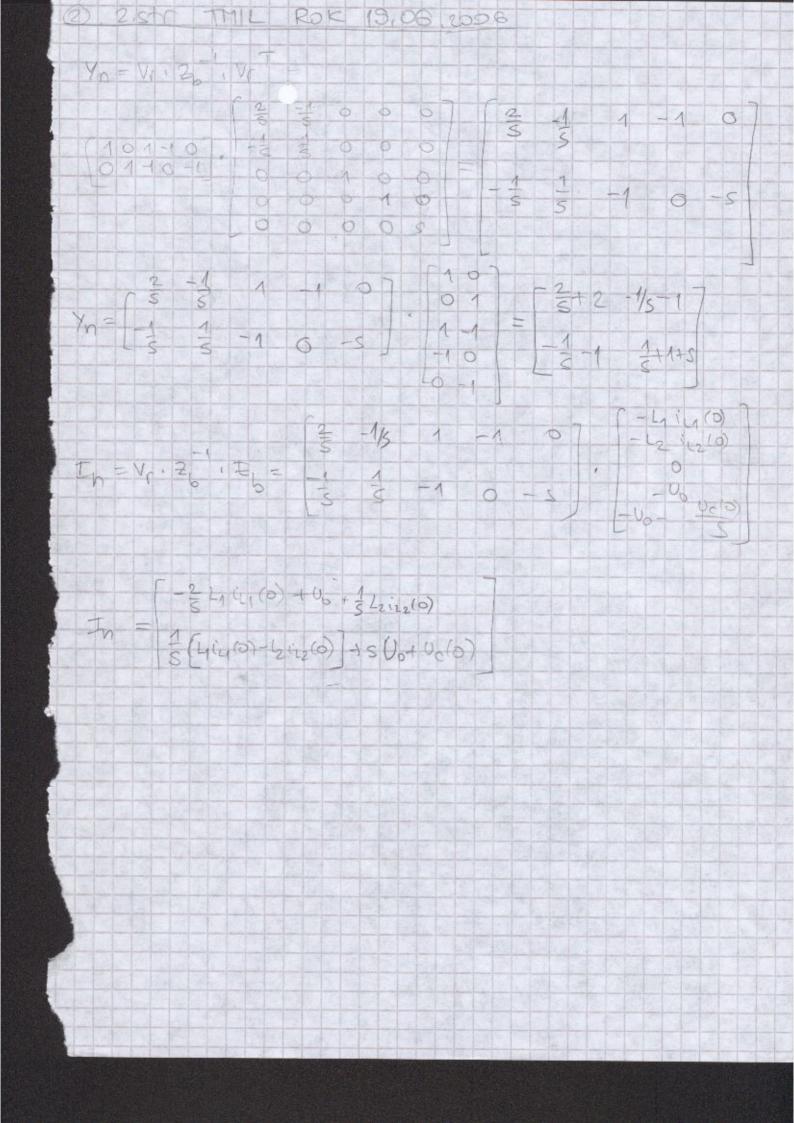
$$S^{2} = (4s^{4}+s^{4}+s^{4}+s^{4}+s^{4}+2)$$

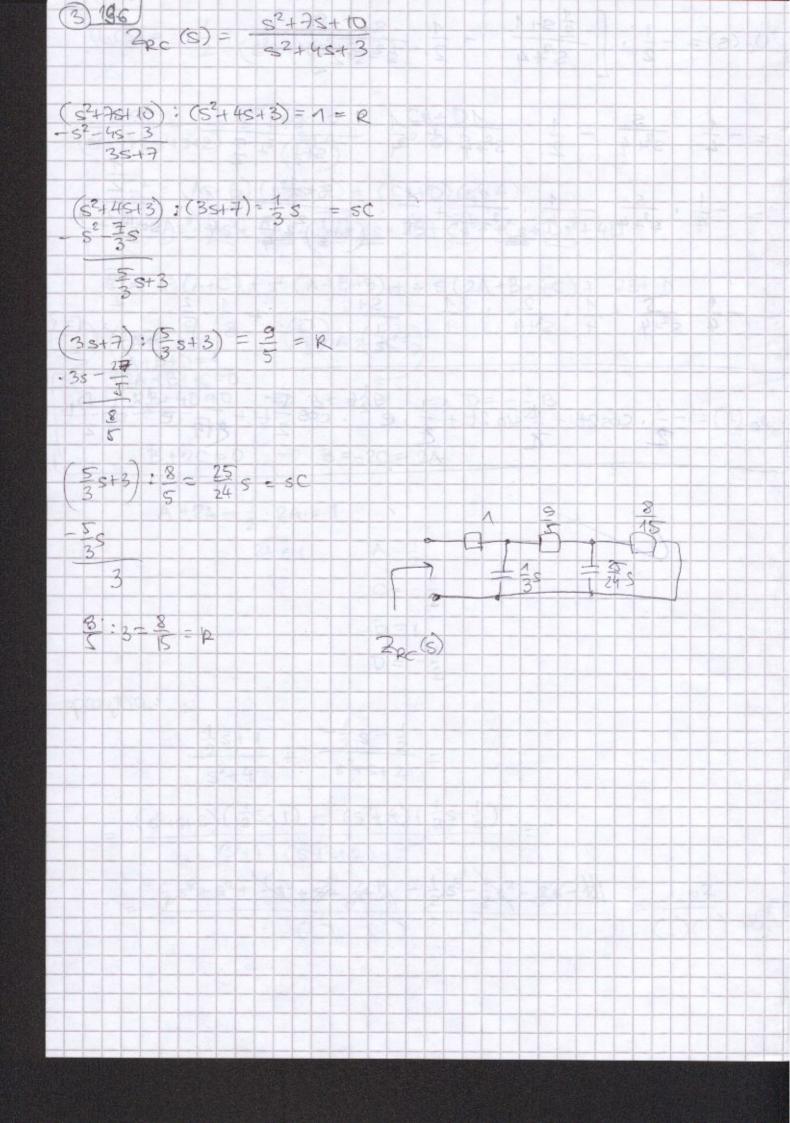
$$S^{2} = (4s^{4}+s^{4}+s^{4}+s^{4}+s^{4}+2)$$

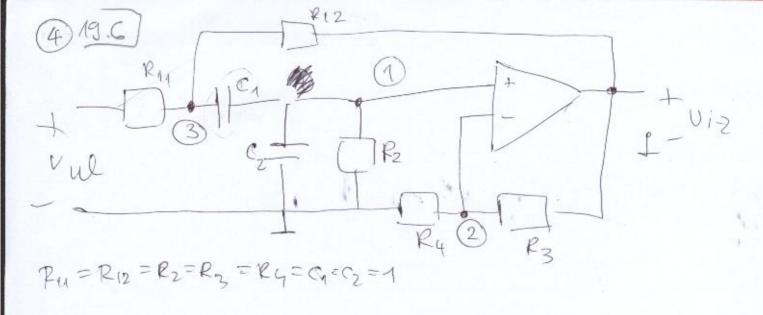
$$S$$











(
$$U_1 - U_3$$
) ·sC₁ + U_1 ·sC₂+ $\frac{U_1}{R_2} = 0$

(2)
$$\frac{U_2}{R_4} + \frac{U_2 - U_{12}}{R_3} = 0 \Rightarrow U_2 = \frac{R_4}{R_3 + R_4}, u_{12} = \frac{1}{2} v_{12}$$

$$12 \ 0$$
 $0_3 \cdot sC_1 = 0_1 \cdot (sC_1 + sC_2 + \frac{1}{R_2})$

$$12 \ 0_3 = 0_4 \cdot \frac{2s+1}{s}$$

$$V_{12} = \frac{4s+2-2s+5^2+5}{2s} = V_{UL}$$

$$|\widehat{J}, \widehat{M}, \widehat{S}, \widehat{M}, \widehat{S}| = 0$$

$$|\widehat{J}, \widehat{M}, \widehat{M$$