ELE zadanie 2

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| **spotrebič** | **U [V]** | **I [A]** | **Pmer [W]** | **Rv[kΩ]** | **Rw[kΩ]** | **Rc[kΩ]** | **Pp[W]** | **P[W]** |
| **žiarovka** | 80 | 0,22 | 20 | 20 | 20 | 10 | 0,64 | 19,36 |
| **žiarovka** | 90 | 0,24 | 24 | 20 | 20 | 10 | 0,81 | 23,19 |
| **žiarovka** | 100 | 0,25 | 28 | 20 | 20 | 10 | 1 | 27 |
| **žiarovka** | 120 | 0,27 | 38 | 20 | 20 | 10 | 1,44 | 36,56 |
| **žiarovka** | 140 | 0,325 | 48 | 20 | 20 | 10 | 1,96 | 46,04 |
| **žiarovka** | 160 | 0,35 | 58 | 20 | 20 | 10 | 2,56 | 55,44 |
| **žiarovka** | 180 | 0,375 | 70 | 20 | 20 | 10 | 3,24 | 66,76 |
| **žiarovka** | 200 | 0,4 | 82 | 20 | 20 | 10 | 4 | 78 |
| **žiarovka** | 220 | 0,425 | 94 | 20 | 20 | 10 | 4,84 | 89,16 |

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| **spotrebič** | **U [V]** | **I [A]** | **Pmer [W]** | **Rv[kΩ]** | **Rw[kΩ]** | **Rc[kΩ]** | **Pp[W]** | **P[W]** |
| **Ventilátor ST8** | 120 | 0,045 | 5,2 | 20 | ∞ | 20 | 0,72 | 4,48 |
| **Ventilátor ST8** | 130 | 0,055 | 6 | 20 | ∞ | 20 | 0,845 | 5,155 |
| **Ventilátor ST8** | 140 | 0,06 | 7,3 | 20 | ∞ | 20 | 0,98 | 6,32 |
| **Ventilátor ST8** | 150 | 0,065 | 8,3 | 20 | ∞ | 20 | 1,125 | 7,175 |
| **Ventilátor ST8** | 160 | 0,07 | 9,5 | 20 | ∞ | 20 | 1,28 | 8,22 |
| **Ventilátor ST8** | 170 | 0,075 | 10,7 | 20 | ∞ | 20 | 1,445 | 9,255 |
| **Ventilátor ST8** | 180 | 0,08 | 11,5 | 20 | ∞ | 20 | 1,62 | 9,88 |
| **Ventilátor ST8** | 190 | 0,085 | 13 | 20 | ∞ | 20 | 1,805 | 11,195 |
| **Ventilátor ST8** | 200 | 0,09 | 14,6 | 20 | ∞ | 20 | 2 | 12,6 |
| **Ventilátor ST8** | 210 | 0,095 | 15,9 | 20 | ∞ | 20 | 2,205 | 13,695 |

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| **Meraný objekt** | **U [V]** | **I [A]** | **Pmer [W]** |  |  |  | **P[W]** | **Z[Ω]** | **Fí[°]** | **Re(Z) [Ω]** | **Im (Z) [Ω]** |
|  |  |  |  | Rv[kΩ] | Rw[kΩ] | Pp[W] |  |  |  |  |  |
| **R** | 110 | 1 | 43 | 10 | 10 | 2,42 | 40,58 | 110,00 | 68,35 | 40,58 | 102,24 |
| **L** | 110 | 0,13 | 4 | 10 | 10 | 2,42 | 1,58 | 846,15 | 83,66 | 93,49 | 840,97 |
| **C** | 110 | 1,44 | 2 | 10 | 10 | 2,42 | -0,42 | 76,39 | 90,15 | -0,20 | -76,39 |
| **RL** | 110 | 0,12 | 4 | 10 | 10 | 2,42 | 1,58 | 916,67 | 83,13 | 109,72 | 910,08 |
| **RC** | 110 | 0,85 | 31 | 10 | 10 | 2,42 | 28,58 | 129,41 | 72,20 | 39,56 | -123,22 |
| **LC** | 110 | 0,37 | 6 | 10 | 10 | 2,42 | 3,58 | 297,30 | 84,95 | 26,15 | -296,14 |
| **RLC** | 110 | 0,13 | 4 | 10 | 10 | 2,42 | 1,58 | 846,15 | 83,66 | 93,49 | -840,97 |

