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| **Расчёт сложной нелинейной электрической цепи** | | | | | | | | | | | | | | | | | | | | | |
|  |  |  |  | | | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |
| В схеме определить показания приборов. Симметричные ВАХ нелинейных элементов приведены в таблицах. | | | | | | | | | | | | | | | | | | | | | |
| Параметры элементов схемы заданы. | | | | | | | | | | |  |  |  |  |  |  |  |  |  |  |  |
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| **1-я цифра номера варианта ( ВАХ 1-го нелинейного элемента, сопротивления R1 ; R2 )** | | | | | | | | | | | | | | | | | | | |  |  |
|  |  |  |  | | | |  | | |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **0** | **1** | | | | **2** | | | **3** | **4** | **5** | **6** | **7** | **8** | **9** |  |  |  |  |  |
|  | U (B) | I(U)(A) | | | | | | | | | | | | | | |  |  |  |  |  |
|  | 0 | 0 |  |  |  |  | |  |
|  | 2 | 0,01 |  |  |  |  | |  |
|  | 4 | 0,051 |  |  |  |  | |  |
|  | 6 | 0,133 |  |  |  |  | |  |
|  | 8 | 0,264 |  |  |  |  | |  |
|  | 10 | 0,449 |  |  |  |  | |  |
|  | 12 | 0,693 |  |  |  |  | |  |
|  | 14 | 1 |  |  |  |  | |  |
|  | 16 | 1,374 |  |  |  |  | |  |
|  | 18 | 1,819 |  |  |  |  | |  |
|  | 20 | 2,338 |  |  |  |  | |  |
|  | 22 | 2,933 |  |  |  |  | |  |
|  | 24 | 3,609 |  |  |  |  | |  |
|  | 26 | 4,366 |  |  |  |  | |  |
|  | 28 | 5,209 |  |  |  |  | |  |
|  | 30 | 6,139 |  |  |  |  | |  |
|  | 32 | 7,158 |  |  |  |  | |  |
|  | 34 | 8,27 |  |  |  |  | |  |
|  | 36 | 9,476 |  |  |  |  | |  |
|  | 38 | 10,78 |  |  |  |  | |  |
|  | 40 | 12,18 |  |  |  |  | |  |
|  | 42 | 13,68 |  |  |  |  | |  |
|  | 44 | 15,28 |  |  |  |  | |  |
|  | 46 | 16,99 |  |
|  | 48 | 18,8 |  |  |  |  | |  |
|  | 50 | 20,72 |  |  |  |  | |  |
| R1 (Ом) | | 3 |  |  |  |  | |  |
| R2 (Ом) | | 3 |  |  |  |  | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2-я цифра номера варианта ( ВАХ 2-го нелинейного элемента, сопротивления R3 ; R4 )** | | | | | | | | | | | | | | | | | |
|  |  |  |  | | | |  |  |  |  |  |  |  |  |  |  |  |
|  |  | **0** | **1** | | | | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** |  |  |  |
|  | U (B) | I(U)(A) | | | | | | | | | | | | |  |  |  |
|  | 0 | 0 |  |  |  |
|  | 2 | 3,948 |  |  |  |
|  | 4 | 5,468 |  |  |  |
|  | 6 | 6,616 |  |  |  |
|  | 8 | 7,574 |  |  |  |
|  | 10 | 8,411 |  |  |  |
|  | 12 | 9,163 |  |  |  |
|  | 14 | 9,852 |  |  |  |
|  | 16 | 10,49 |  |  |  |
|  | 18 | 11,09 |  |  |  |
|  | 20 | 11,65 |  |  |  |
|  | 22 | 12,18 |  |  |  |
|  | 24 | 12,69 |  |  |  |
|  | 26 | 13,18 |  |  |  |
|  | 28 | 13,65 |  |  |  |
|  | 30 | 14,1 |  |  |  |
|  | 32 | 14,53 |  |  |  |
|  | 34 | 14,95 |  |  |  |
|  | 36 | 15,36 |  |  |  |
|  | 38 | 15,75 |  |  |  |
|  | 40 | 16,14 |  |  |  |
|  | 42 | 16,51 |  |  |  |
|  | 44 | 16,88 |  |  |  |
|  | 46 | 17,23 |  |  |  |
|  | 48 | 17,58 |  |  |  |
|  | 50 | 17,92 |  |  |  |
| R3 (Ом) | | 1 |  |  |  |
| R4 (Ом) | | 24 |  |  |  |
|  |  |  |  | | | |  |  |  |  |  |  |  |  |  |  |  |
| **3-я цифра номера варианта ( величина J и сопротивления R5 )** | | | | | | | | | | | | | | |  |  |  |
|  |  |  |  | | | |  |  |  |  |  |  |  |  |  |  |  |
| J (A) | | 32 |  |  |  |
| R5 (Ом) | | 0,6 |  |  |  |