

11 Rectifiers

1) Task

Design a power supply in the configuration of Fig.1a, b, c, with an output voltage of not less than 12V and a current capacity of 0.5A. In the Taskk, determine (by means of analysis with the LTspice program) all parameters measured during the laboratory

The transformer should be selected from **Indel's** list (assume the resistance of the primary and secondary windings to be 200 and 1.5 Ω , respectively).

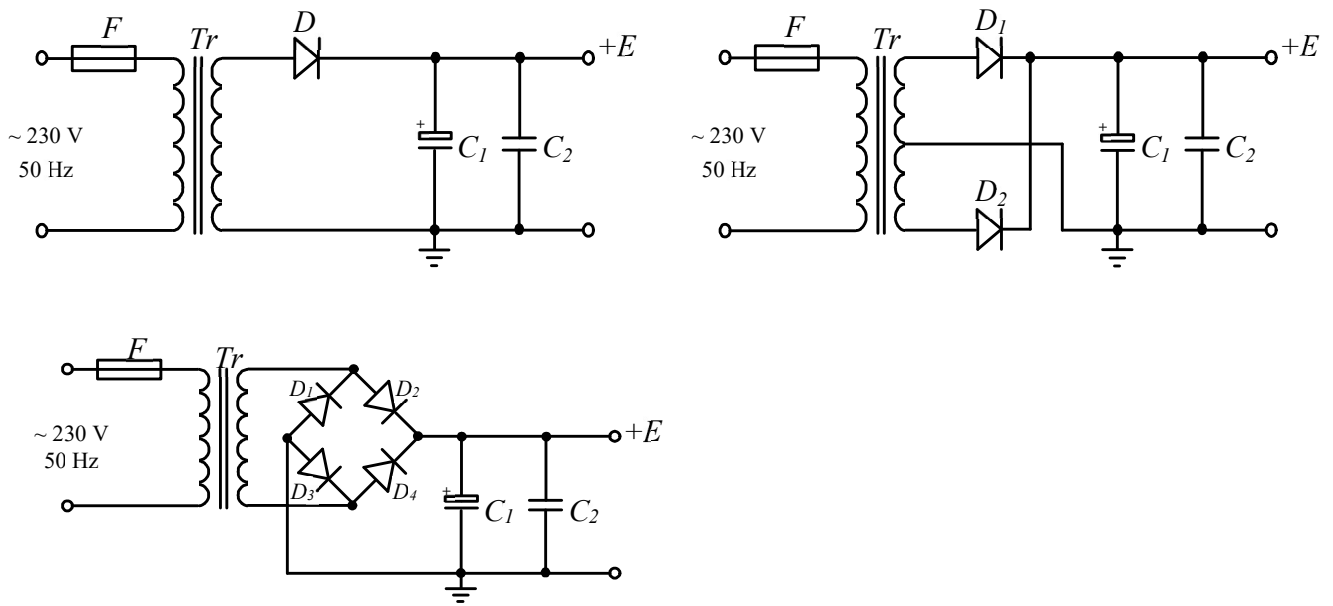


Fig.1.