



Fig. 806 — Electronic voltage regulator. The regulator tube is ordinarily a 2A3 or a number of them in parallel, the control tube a 6SJ7 or similar type. The filament transformer for the regulator tube must be insulated for the plate voltage, and cannot supply current to other tubes when a filament-type regulator tube is used. Typical values: R_1 , 10,000 ohms; R_2 , 25,000 ohms; R_3 , 10,000-ohm potentiometer; R_4 , 5000 ohms; R_5 , 0.5 megohm.