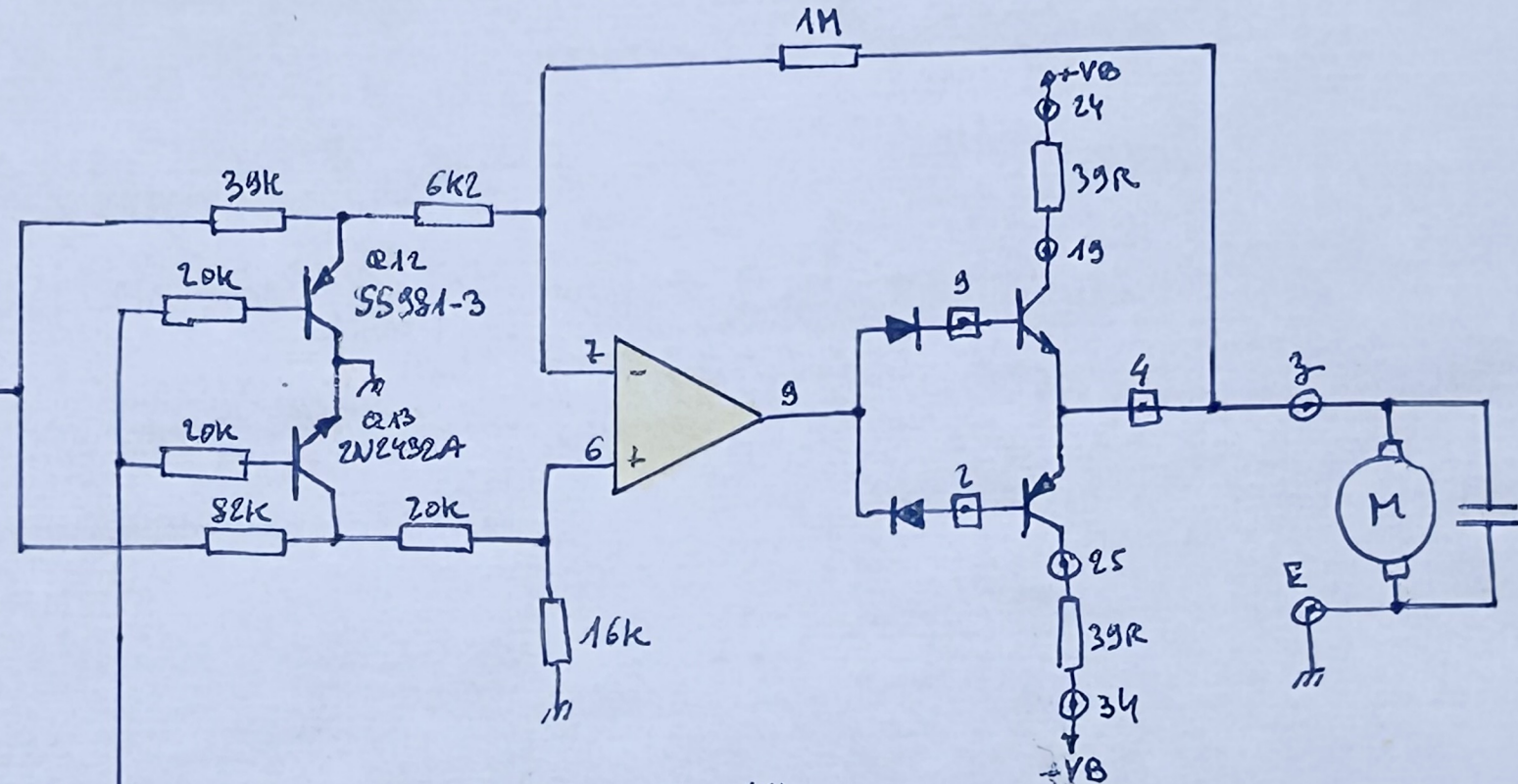
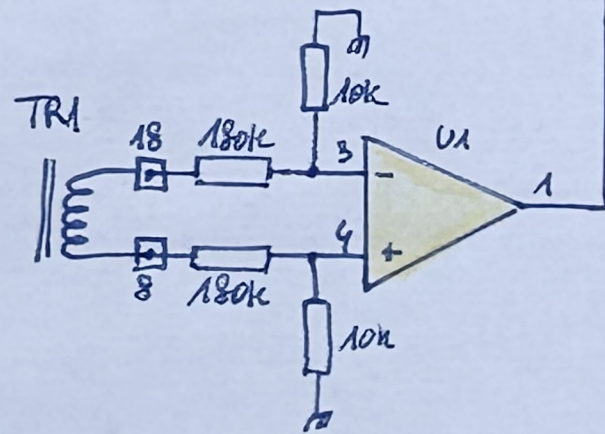
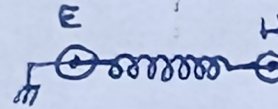
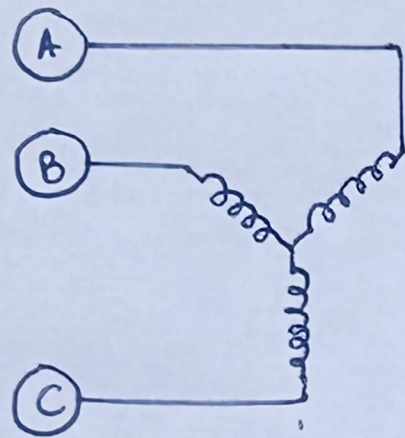




$$Q_{12} \text{ ON: } G = \frac{1M}{6k\Omega} \cdot \frac{16k}{16k + 82k + 20k} = +21.9$$

$$Q_{13} \text{ ON: } G = - \frac{1M}{39k + 6k\Omega} = -22.1$$