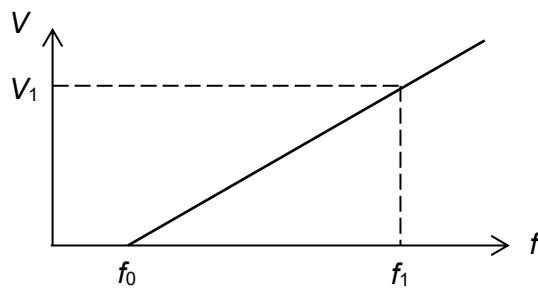


- 28** In a photoelectric experiment, the potential difference V that must be maintained between the illuminated surface and the collector so as just to prevent any electrons from reaching the collector is determined for different frequencies f of the incident illumination. The graph below is obtained.



The Planck constant is given by

A $\frac{V_1}{f_1}$

B $\frac{V_1}{f_1 - f_0}$

C $\frac{eV_1}{f_1 - f_0}$

D $\frac{f_1 - f_0}{eV_1}$