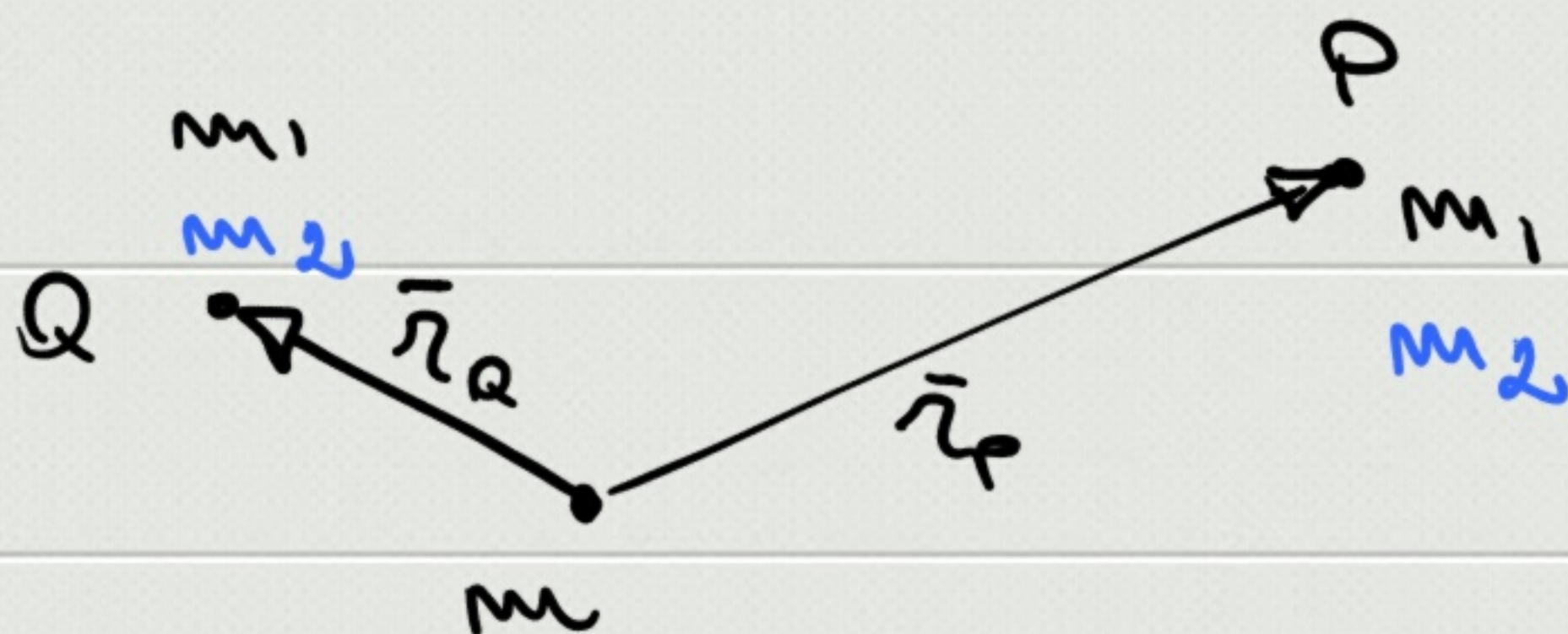


$$\vec{F}_G = -\gamma \frac{m m'}{r^2} \vec{u}_r$$



$$\vec{F}_{1p} = -\gamma \frac{m m_1}{r_p^2} \vec{u}_p$$

$$\vec{F}_{2p} = -\gamma \frac{m m_2}{r_p^2} \vec{u}_p$$

$$\vec{F}_{1q} = -\gamma \frac{m m_1}{r_q^2} \vec{u}_q$$

$$\vec{F}_{2q} = -\gamma \frac{m m_2}{r_q^2} \vec{u}_q$$

$$-\gamma \frac{m m}{r^2} \vec{u}_r$$

Vettore campo gravitazionale

$$\boxed{\vec{G}(m, \vec{r}) = -\gamma \frac{m}{r^2} \vec{u}_r}$$

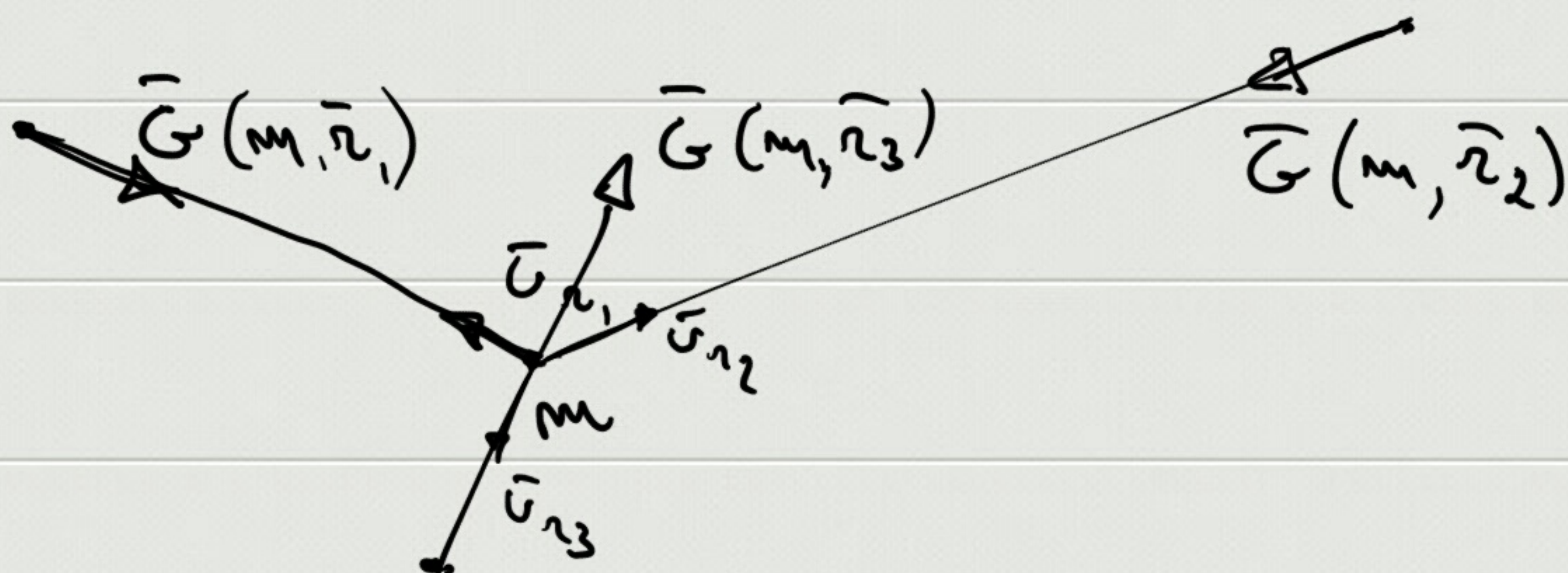
$$\left[\vec{G}(m, \vec{r}) = -\gamma \frac{m}{r^3} \vec{r} \right]$$



$$\vec{F}_{1p} = m_1 \vec{G}(m, \vec{r}_p)$$

$$\vec{F}_{1q} = m_1 \vec{G}(m, \vec{r}_q)$$

$$\vec{F}_G = -\gamma \frac{m m'}{r^2} \vec{u}_r = m' \vec{G}(m, \vec{r})$$



$$E_p = -\gamma \frac{m m'}{r}$$

$$V(m, r) = -\gamma \frac{m}{r}$$

potenziale gravitazionale

$$E_p = -\gamma \frac{m m'}{r} = m' V(m, r)$$

$$W_{A \rightarrow B} = -\Delta E_p = -m' \Delta V$$