$$n \cdot R + Q \longrightarrow M, \qquad \qquad I \longleftarrow R$$

$$n \cdot \bigvee_{n \cdot \downarrow} \qquad \bigvee_{\exists \alpha} \exists \alpha$$

$$nr + q \longmapsto \alpha(r) + \varphi(q). \qquad Q \longrightarrow M$$