[redacted] (تمرین ۹)

$$\mu_{\varphi\circ\gamma}(z) = \rho(z) - \rho(\varphi\circ\gamma(z))\,|(\varphi\circ\gamma)'(z)|$$

$$= \rho(z) - \rho(\gamma(z))\,|\gamma'(z)| + \rho(\gamma(z))\,|\gamma'(z)| - \rho(\varphi\circ\gamma(z))\,|(\varphi\circ\gamma)'(z)|$$

$$= \mu_{\gamma}(z) + \rho(\gamma)\,|\gamma'| - \rho(\varphi\circ\gamma)\,|\varphi'(\gamma)|\,|\gamma'|$$

$$= \mu_{\gamma}(z) + \mu_{\varphi}(\gamma(z))\,|\gamma'(z)|$$