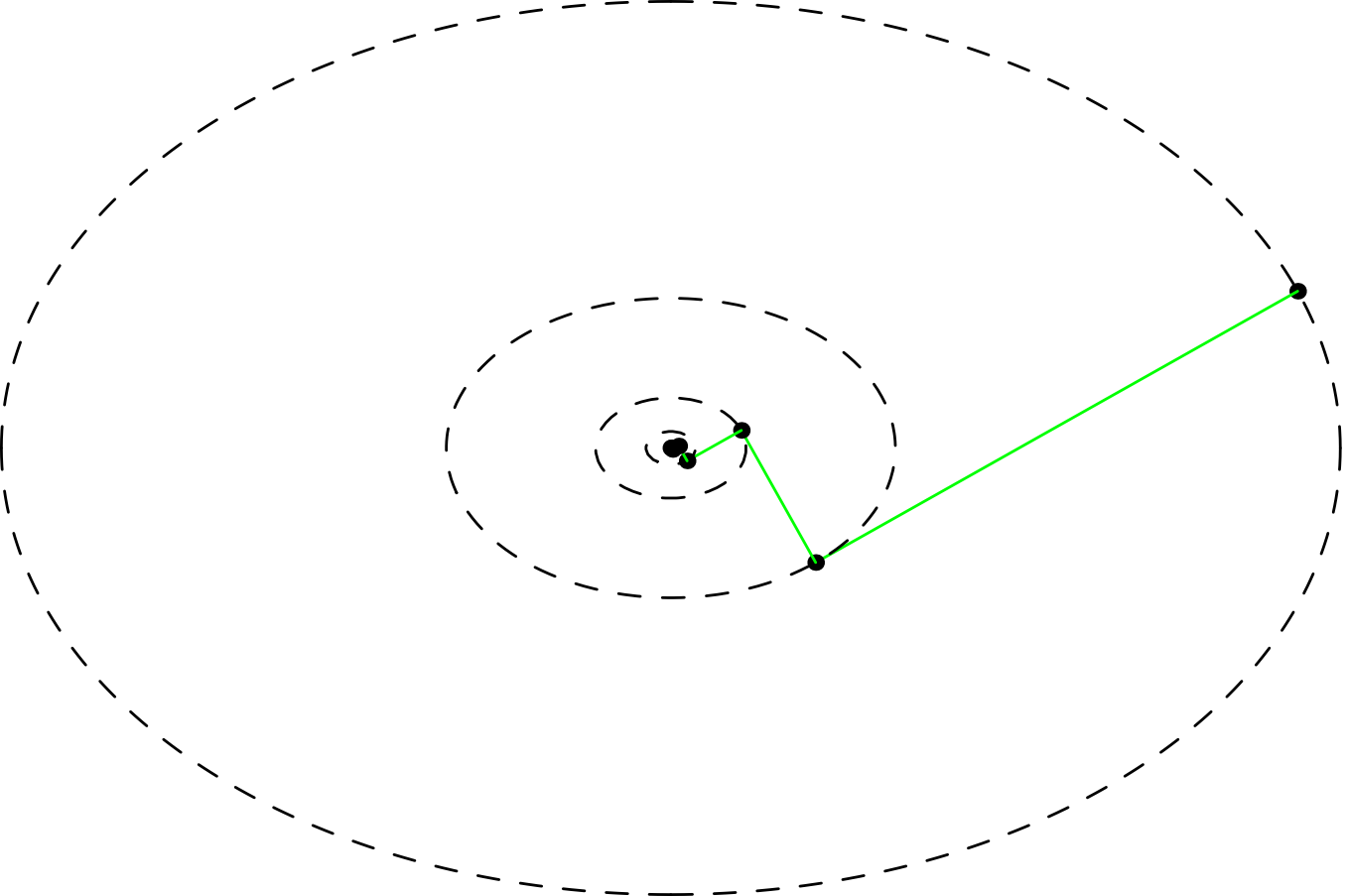

$$f(x,y) = \frac{x^2}{9} + \frac{y^2}{4}$$
$$x_6 = 0.005699$$
$$y_6 = 0.001425$$
$$\nabla f(\cdot) = (0.001267, 0.000712)$$
$$\alpha_6 = 3.460354$$
$$\sqrt{x_6^2 + y_6^2} = 0.005875$$