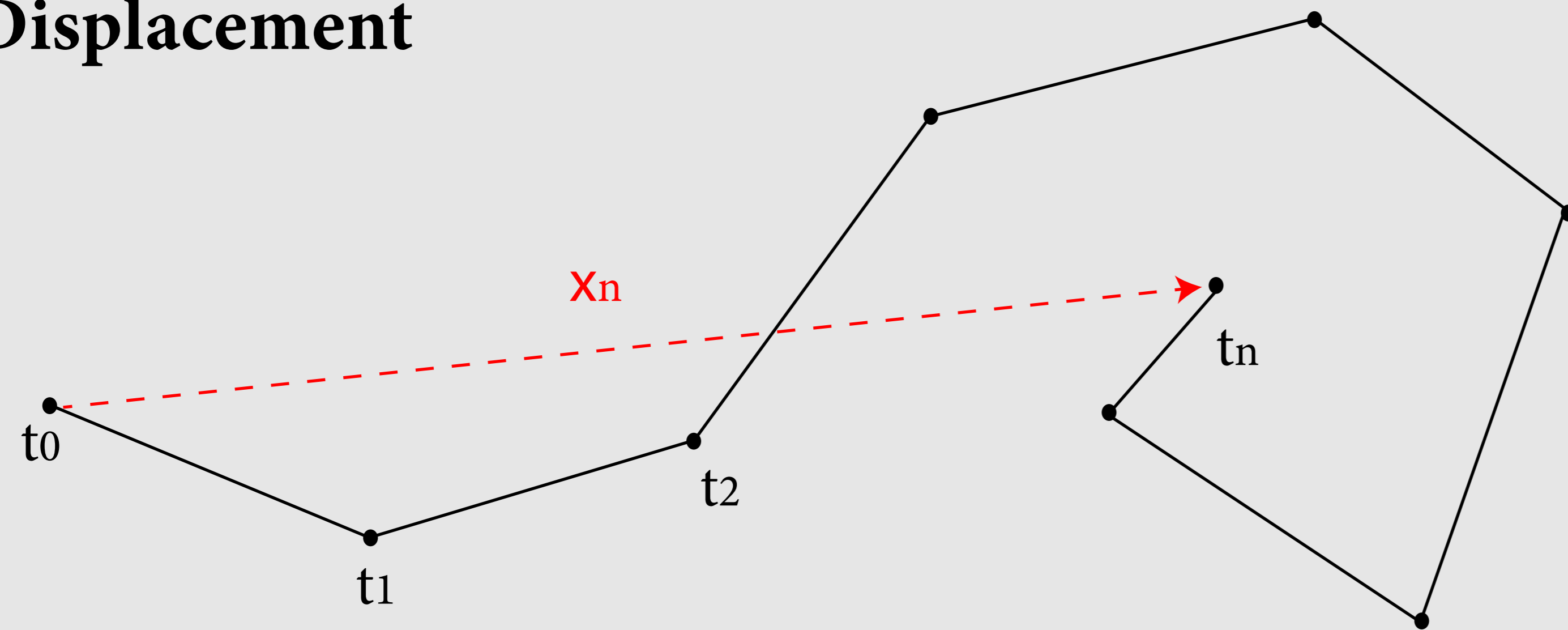


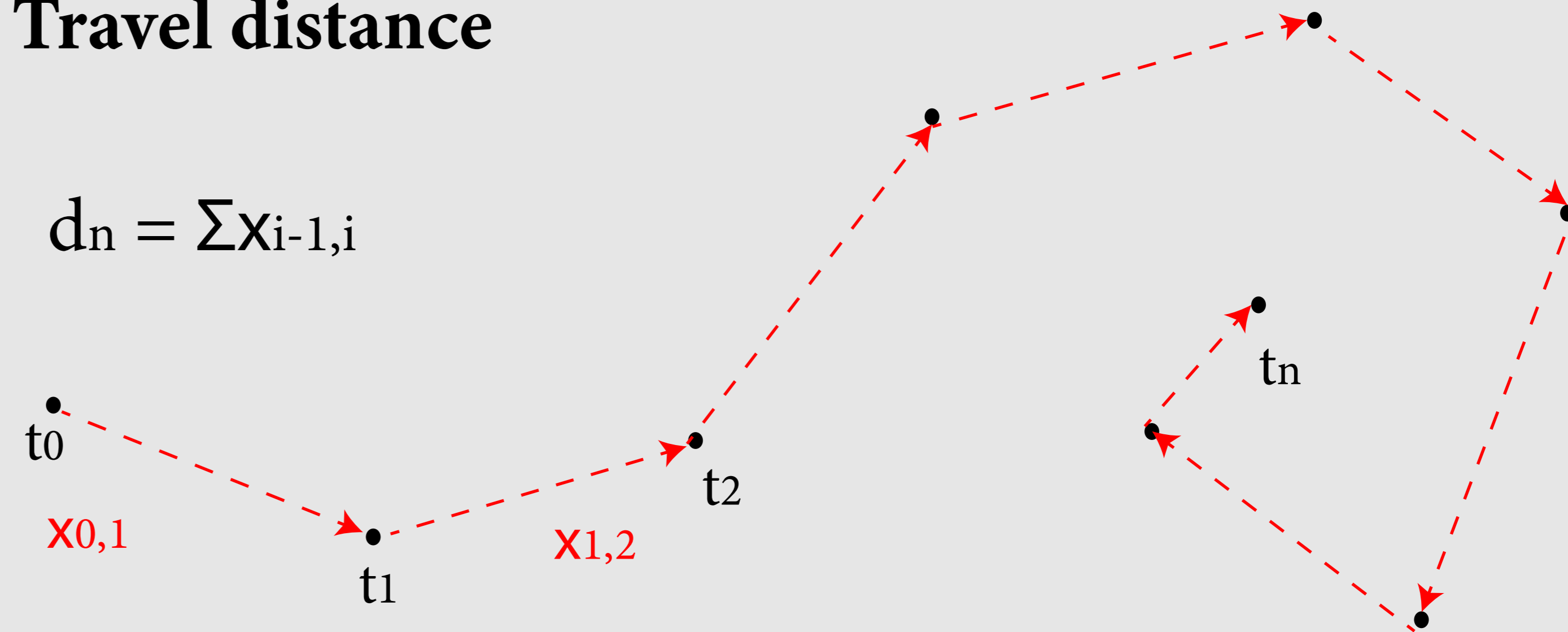
(a)

Displacement

(b)

Travel distance

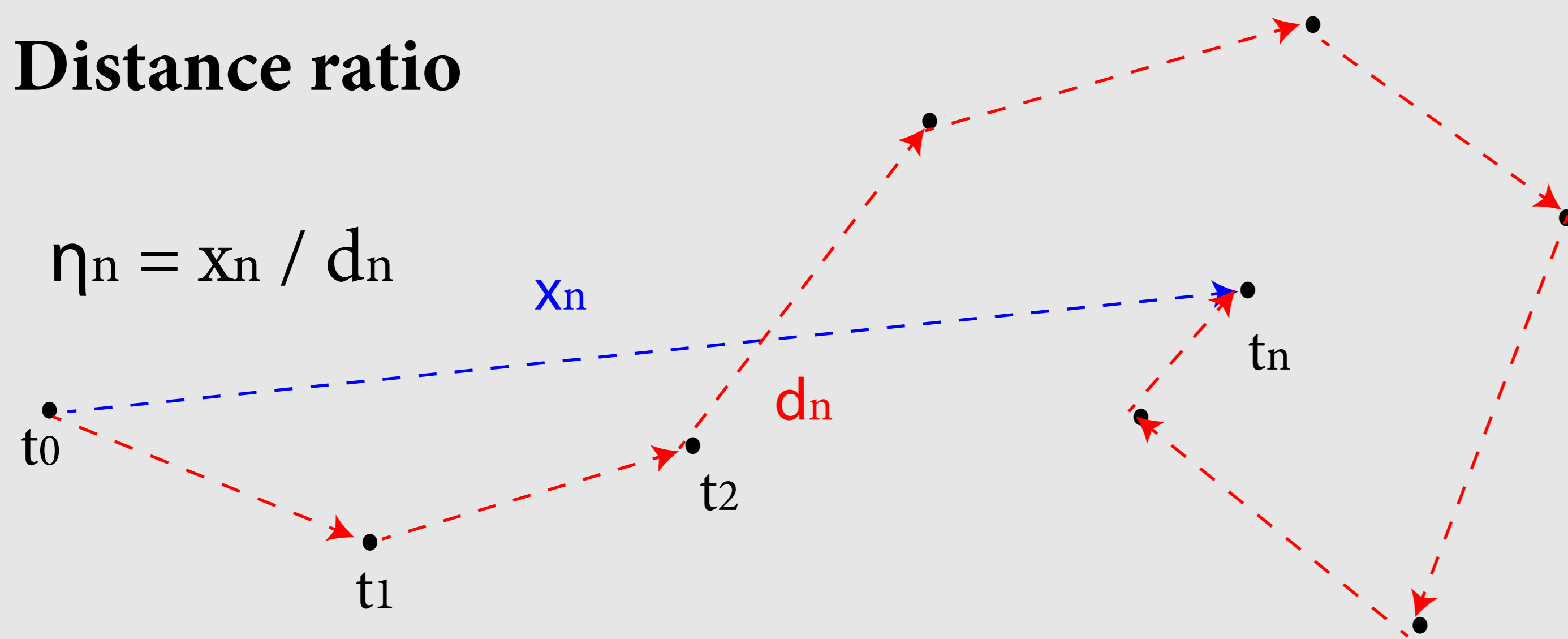
$$d_n = \sum x_{i-1,i}$$



(c)

Distance ratio

$$\eta_n = x_n / d_n$$



(d)

Loopiness

$$\theta_n = \sum \varphi_i$$

