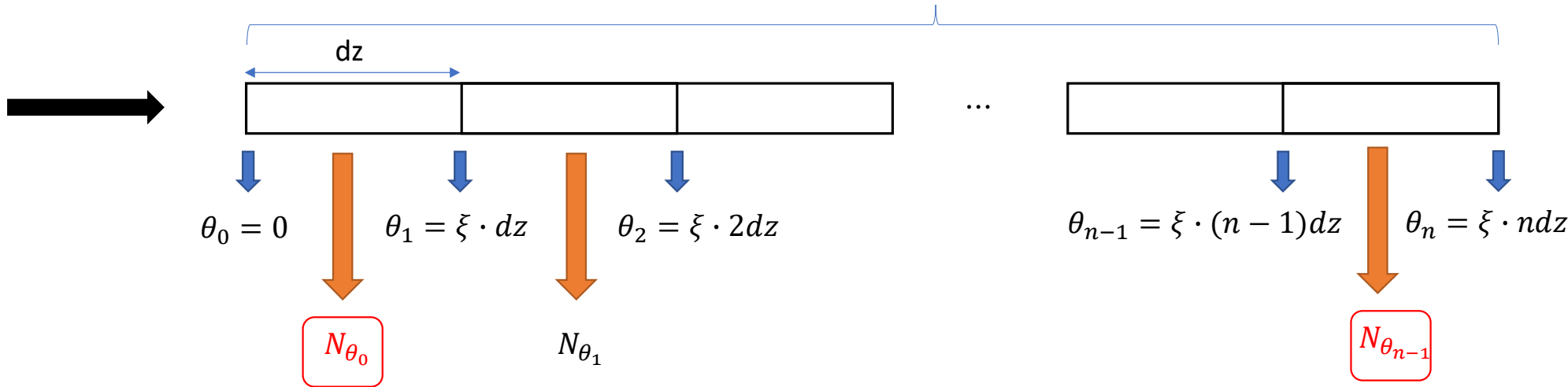Calculate the Laming matrix

θ_n: birefringence axis orientation for each section

In forward propagation

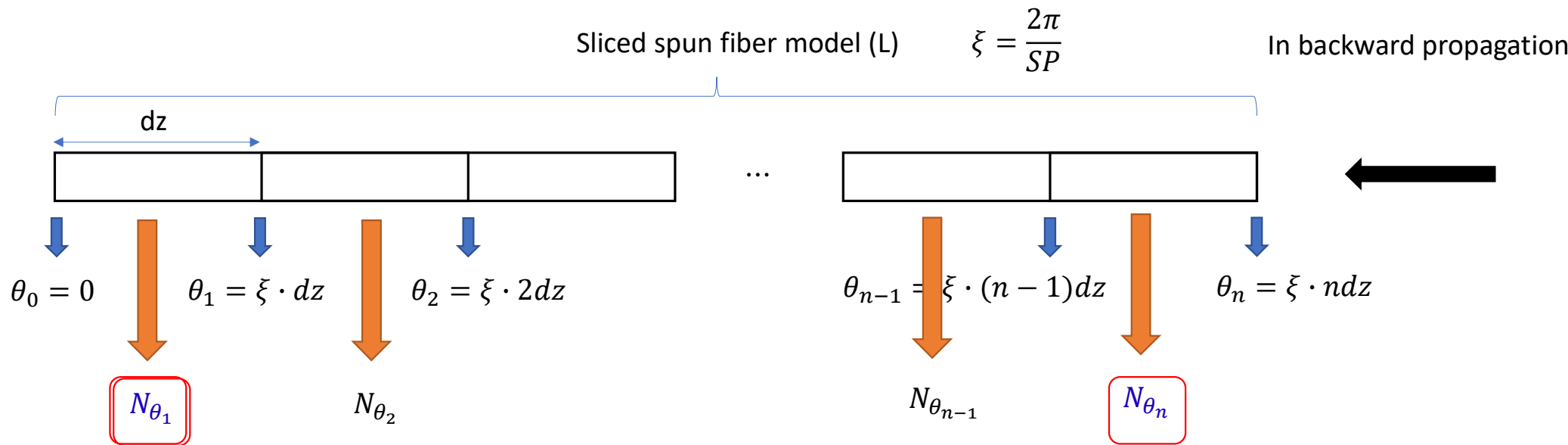Sliced spun fiber model (L) $\xi = \dfrac{2\pi}{SP}$

dz

$\theta_0 = 0$ $\theta_1 = \xi \cdot dz$ $\theta_2 = \xi \cdot 2dz$ $\theta_{n-1} = \xi \cdot (n-1)dz$ $\theta_n = \xi \cdot ndz$

N_{θ_0} N_{θ_1} $N_{\theta_{n-1}}$

Matrix calculation: $N_{\theta_{n-1}} N_{\theta_{n-2}} \cdots N_{\theta_1} N_{\theta_0}$

Calculate the Laming matrix

θ_n: birefringence axis orientation for each section

Sliced spun fiber model (L) $\xi = \dfrac{2\pi}{SP}$ In backward propagation

dz

$\theta_0 = 0$ $\theta_1 = \xi \cdot dz$ $\theta_2 = \xi \cdot 2dz$ $\theta_{n-1} = \xi \cdot (n-1)dz$ $\theta_n = \xi \cdot ndz$

N_{θ_1} N_{θ_2} $N_{\theta_{n-1}}$ N_{θ_n}

Matrix calculation: $N_{\theta_1} N_{\theta_2} \cdots N_{\theta_{n-1}} N_{\theta_n}$