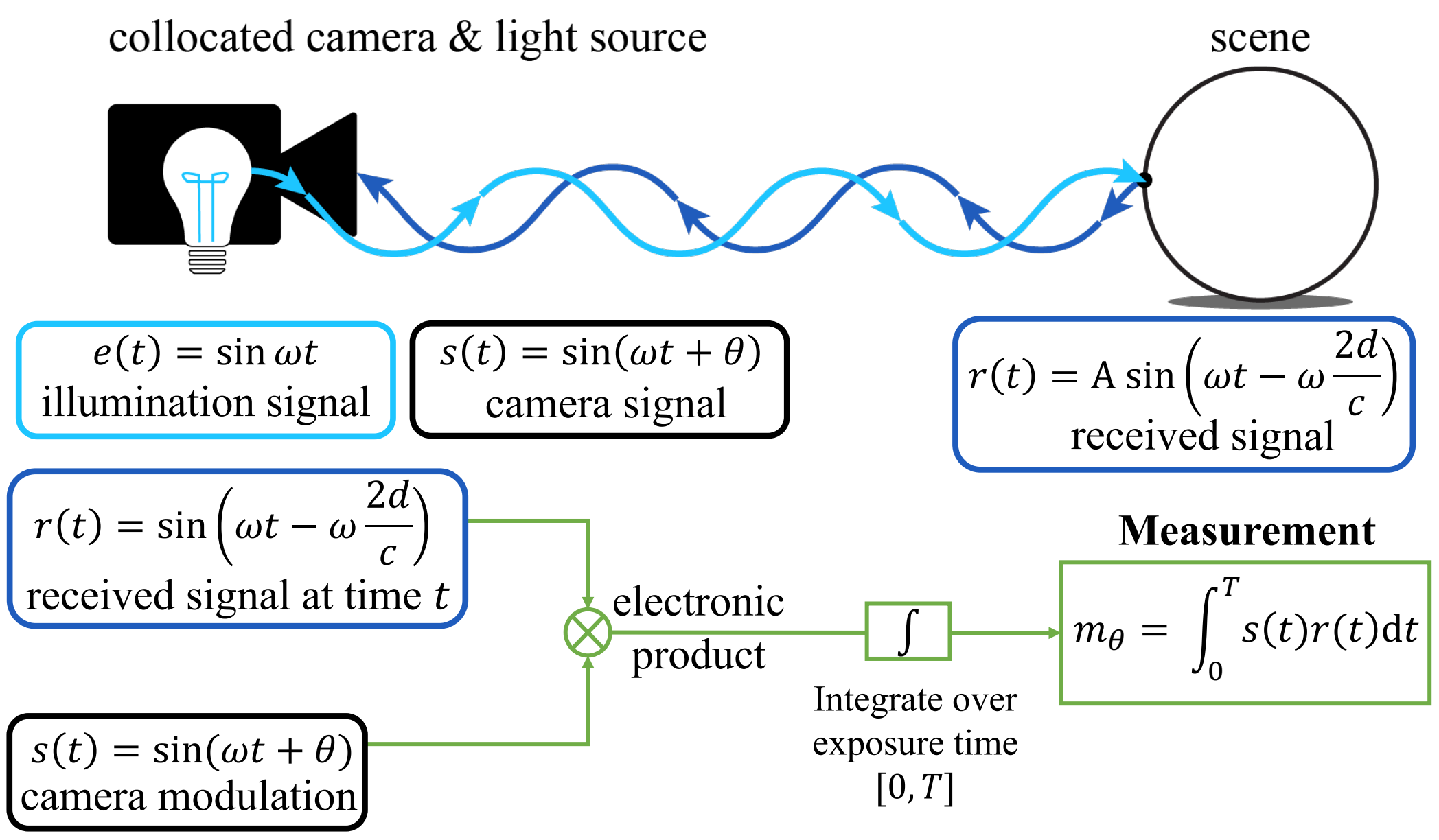
collocated camera & light source
scene
$e(t) = \sin \omega t$
illumination signal
$s(t) = \sin(\omega t + \theta)$
camera signal
$r(t) = \mathrm{A} \sin\left(\omega t - \omega \frac{2d}{c}\right)$
received signal
$r(t) = \sin\left(\omega t - \omega \frac{2d}{c}\right)$
received signal at time t
$s(t) = \sin(\omega t + \theta)$
camera modulation
electronic
product
$\int$
Integrate over
exposure time
$[0, T]$
Measurement
$m_\theta = \int_0^T s(t) r(t) \mathrm{d}t$