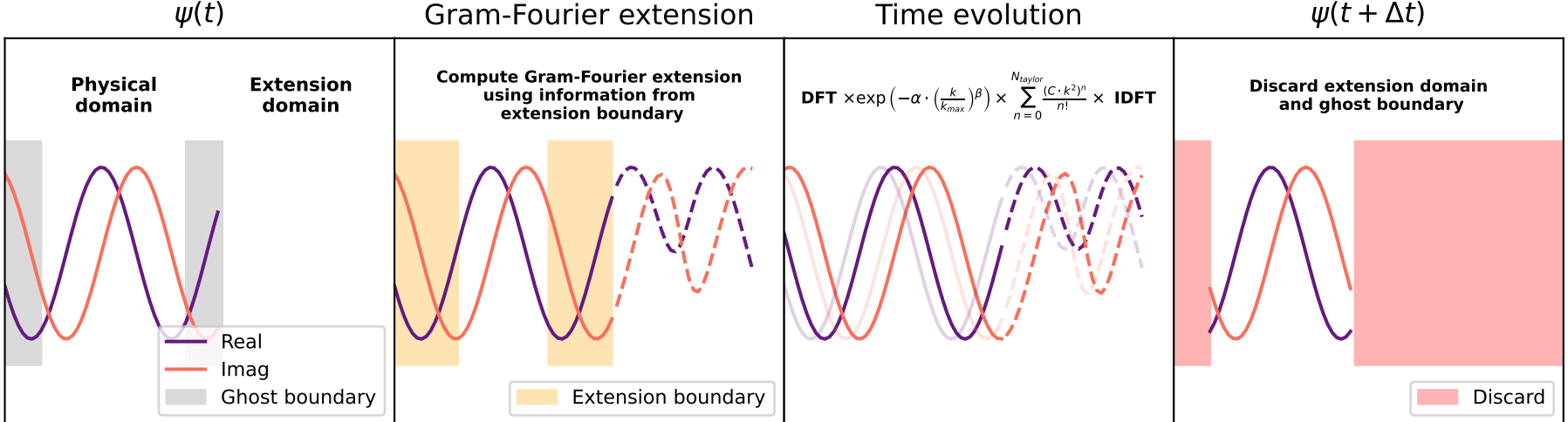
$\psi(t)$
Gram-Fourier extension
Time evolution
$\psi(t + \Delta t)$
Physical domain
Extension domain
Real
Imag
Ghost boundary
Compute Gram-Fourier extension using information from extension boundary
Extension boundary
DFT $\times \exp\left(-\alpha \cdot \left(\frac{k}{k_{max}}\right)^{\beta}\right) \times \sum_{n=0}^{N_{taylor}} \frac{(C \cdot k^2)^n}{n!} \times$ IDFT
Discard extension domain and ghost boundary
Discard