Π_2

$\mathcal{H}_1$ $\mathcal{H}_2$

Π_1

$\mathbf{x}$

$\mathcal{R}$

$w^2 = c^2 \|\mathbf{k}\|^2$

$\mathbf{k}$

O t

$\mathcal{T}$

O ω

$\mathcal{W}$

Functional space of all fields
with space-time constraints

Functional space of all fields with
wavenumber-frequency constraints