$$\theta_{d1}(t_l) = \begin{cases} \theta_{d1} & \text{if} \quad t_l \in \Delta t_{heat} \\ none & \text{if} \quad t_l \in \Delta t_{cool} \end{cases}$$

$\Gamma_{d1}(t)$

$\Omega(t)$

z
y
x

Γ_{d2}
θ_{d2}