STEP 1

Turbine 1

Wake steering

Test values:
$[-30 \quad 0 \quad 30]$

Enforce bounds:
$[-30 \quad 0 \quad \underline{30}]$

C_{sel}
$\begin{bmatrix} 30 & 5 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[0 \quad 2.5 \quad 5]$

Enforce bounds:
$[0 \quad 2.5 \quad \underline{5}]$

C_{opt}
$\begin{bmatrix} 30 & 0 \\ 0 & 0 \\ 0 & 0 \end{bmatrix}$

Turbine 2

Wake steering

Test values:
$[-30 \quad 0 \quad 30]$

Enforce bounds:
$[-30 \quad 0 \quad \underline{30}]$

C_{sel}
$\begin{bmatrix} 30 & 5 \\ 30 & 5 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[0 \quad 2.5 \quad 5]$

Enforce bounds:
$[0 \quad 2.5 \quad \underline{5}]$

C_{opt}
$\begin{bmatrix} 30 & 0 \\ 30 & 0 \\ 0 & 0 \end{bmatrix}$

Turbine 3

Wake steering

Test values:
$[-30 \quad 0 \quad 30]$

Enforce bounds:
$[-30 \quad \underline{0} \quad 30]$

C_{sel}
$\begin{bmatrix} 30 & 5 \\ 30 & 5 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[0 \quad 2.5 \quad 5]$

Enforce bounds:
$[\underline{0} \quad 2.5 \quad 5]$

C_{opt}
$\begin{bmatrix} 30 & 0 \\ 30 & 0 \\ 0 & 0 \end{bmatrix}$

STEP 2

Turbine 1

Wake steering

Test values:
$[15 \quad 30 \quad 45]$

Enforce bounds:
$[\underline{15} \quad 30 \quad 30]$

C_{sel}
$\begin{bmatrix} 15 & 3.75 \\ 30 & 5 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[3.75 \quad 5 \quad 6.25]$

Enforce bounds:
$[\underline{3.75} \quad 5 \quad 5]$

C_{opt}
$\begin{bmatrix} 0 & 3.75 \\ 30 & 0 \\ 0 & 0 \end{bmatrix}$

Turbine 2

Wake steering

Test values:
$[15 \quad 30 \quad 45]$

Enforce bounds:
$[\underline{15} \quad 30 \quad 30]$

C_{sel}
$\begin{bmatrix} 15 & 3.75 \\ 15 & 3.75 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[3.75 \quad 5 \quad 6.25]$

Enforce bounds:
$[\underline{3.75} \quad 5 \quad 5]$

C_{opt}
$\begin{bmatrix} 0 & 3.75 \\ 15 & 0 \\ 0 & 0 \end{bmatrix}$

Turbine 3

Wake steering

Test values:
$[-15 \quad 0 \quad 15]$

Enforce bounds:
$[-15 \quad \underline{0} \quad 15]$

C_{sel}
$\begin{bmatrix} 15 & 3.75 \\ 15 & 3.75 \\ 0 & 0 \end{bmatrix}$

Helix

Test values:
$[-1.25 \quad 0 \quad 1.25]$

Enforce bounds:
$[\underline{0} \quad 0 \quad 1.25]$

C_{opt}
$\begin{bmatrix} 0 & 3.75 \\ 15 & 0 \\ 0 & 0 \end{bmatrix}$