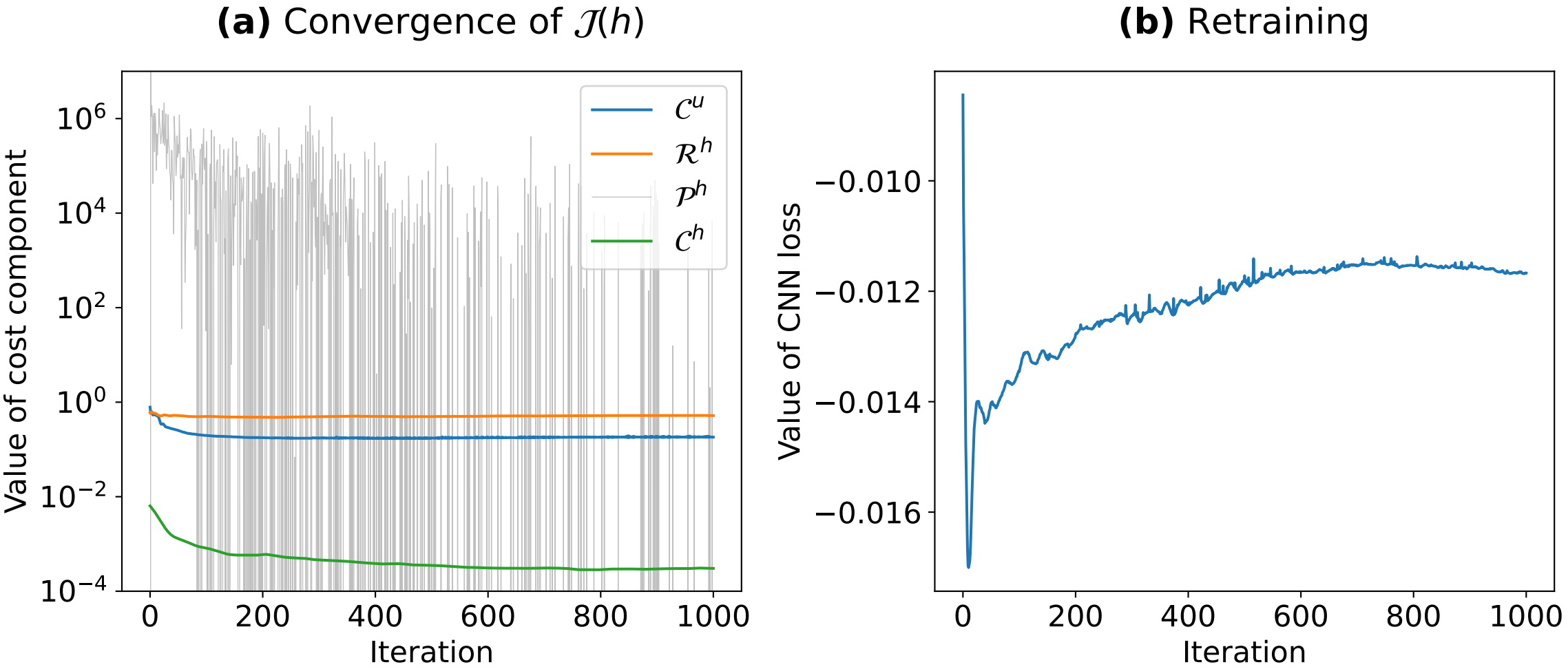

(a) Convergence of $\mathcal{J}(h)$
$\mathcal{C}^u$
$\mathcal{R}^h$
$\mathcal{P}^h$
$\mathcal{C}^h$
Value of cost component
10^6
10^4
10^2
10^0
10^{-2}
10^{-4}
0
200
400
600
800
1000
Iteration
(b) Retraining
Value of CNN loss
−0.010
−0.012
−0.014
−0.016
0
200
400
600
800
1000
Iteration