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Comparison on communciation cost

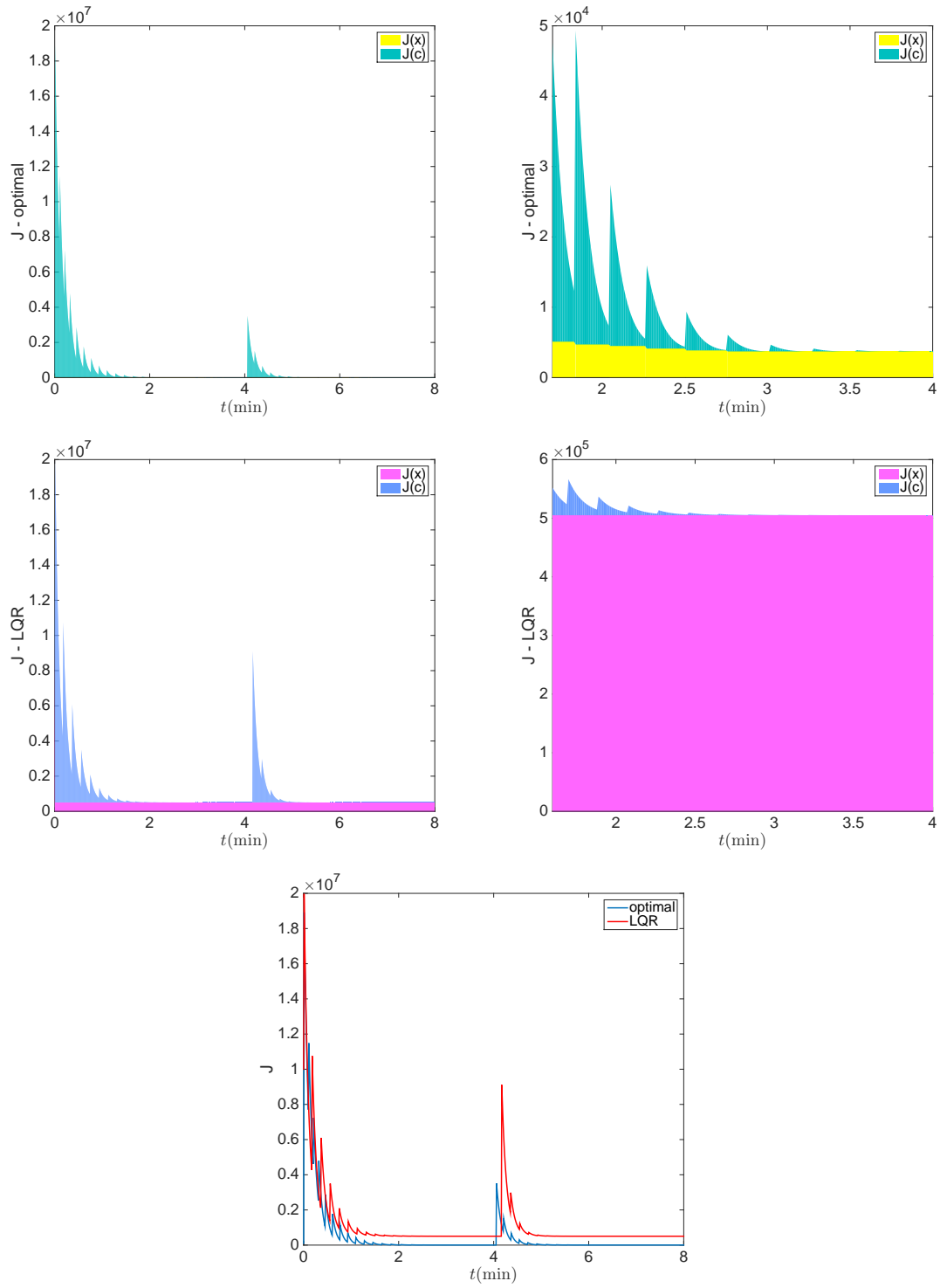


Table 1: Comparison on operating costs

Cost	Optimal	LQR
$J(x)$	3.90×10^6	4.66×10^6
$J(c)$	3.82×10^4	4.14×10^6
Total	3.94×10^6	8.80×10^6

Table 2: Comparison on operating cost break down

Percentage	Optimal (%)	LQR (%)
$J(x)$	99.03	52.97
$J(c)$	0.97	47.03

Reduced over 50% of operating cost from the LQR: $\frac{J_{\text{Opt}}}{J_{\text{LQR}}} \times 100\% = 44.74\%$.