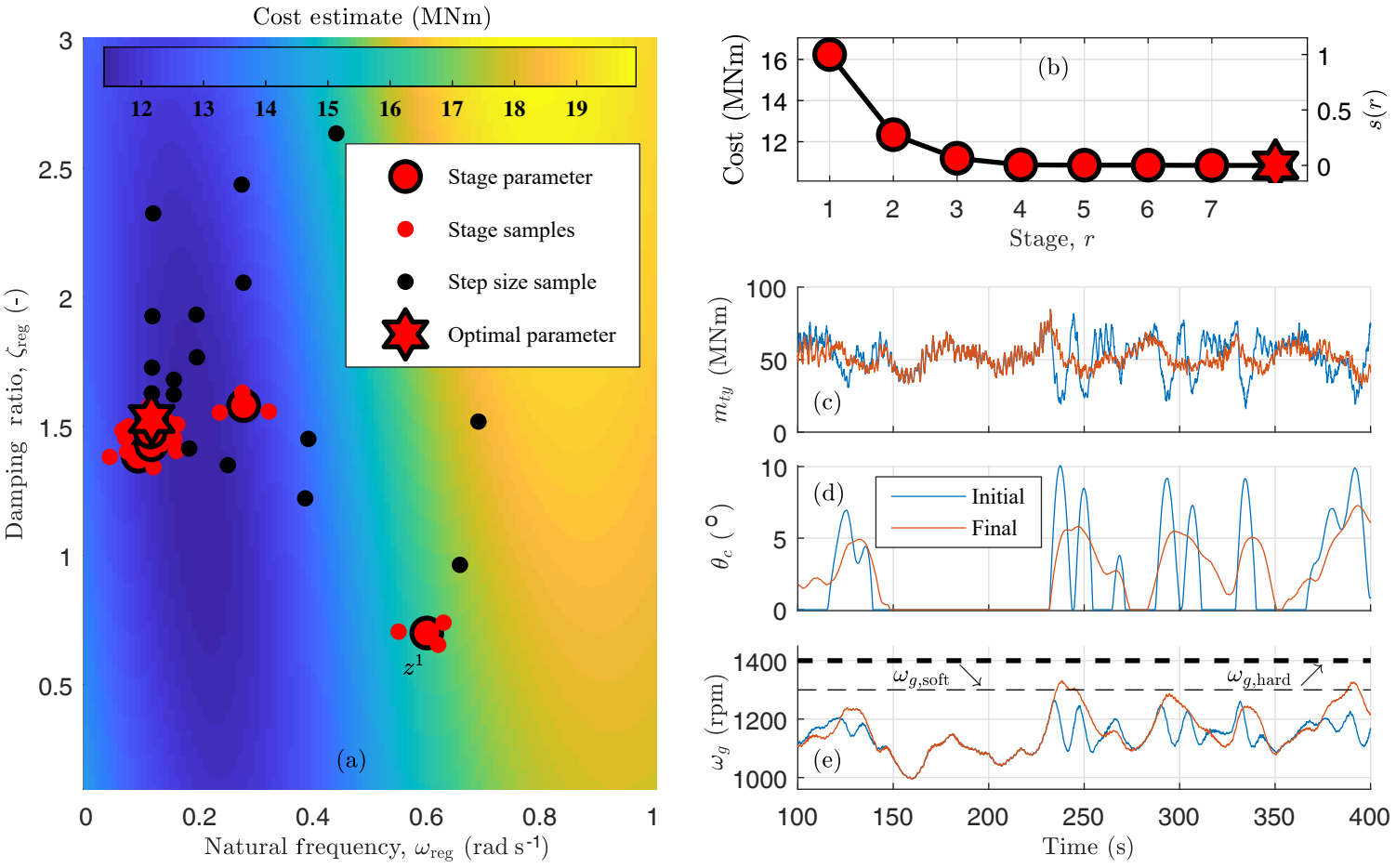
Cost estimate (MNm)
12
13
14
15
16
17
18
19
Stage parameter
Stage samples
Step size sample
Optimal parameter
z^1
(a)
Damping ratio, ζ_{reg} (-)
Natural frequency, ω_{reg} (rad s^{-1})
(b)
Cost (MNm)
$s(r)$
Stage, r
(c)
m_{tg} (MNm)
(d)
Initial
Final
θ_c (°)
(e)
$\omega_{g,\text{soft}}$
$\omega_{g,\text{hard}}$
ω_g (rpm)
Time (s)