d-axis Airgap MMF
i^e_{ds}
i^e_{ds} [1-exp(-x)]
0
1
2
3
Q
4

(a)

Secondary eddy current due to end effect
exit rail current
Normalized motor length Q
0
$-i^e_{ds}$exp(-x)]
entry rail current
$-i^e_{ds}$
1
2
3
Q
4
Normalized time x

(b)