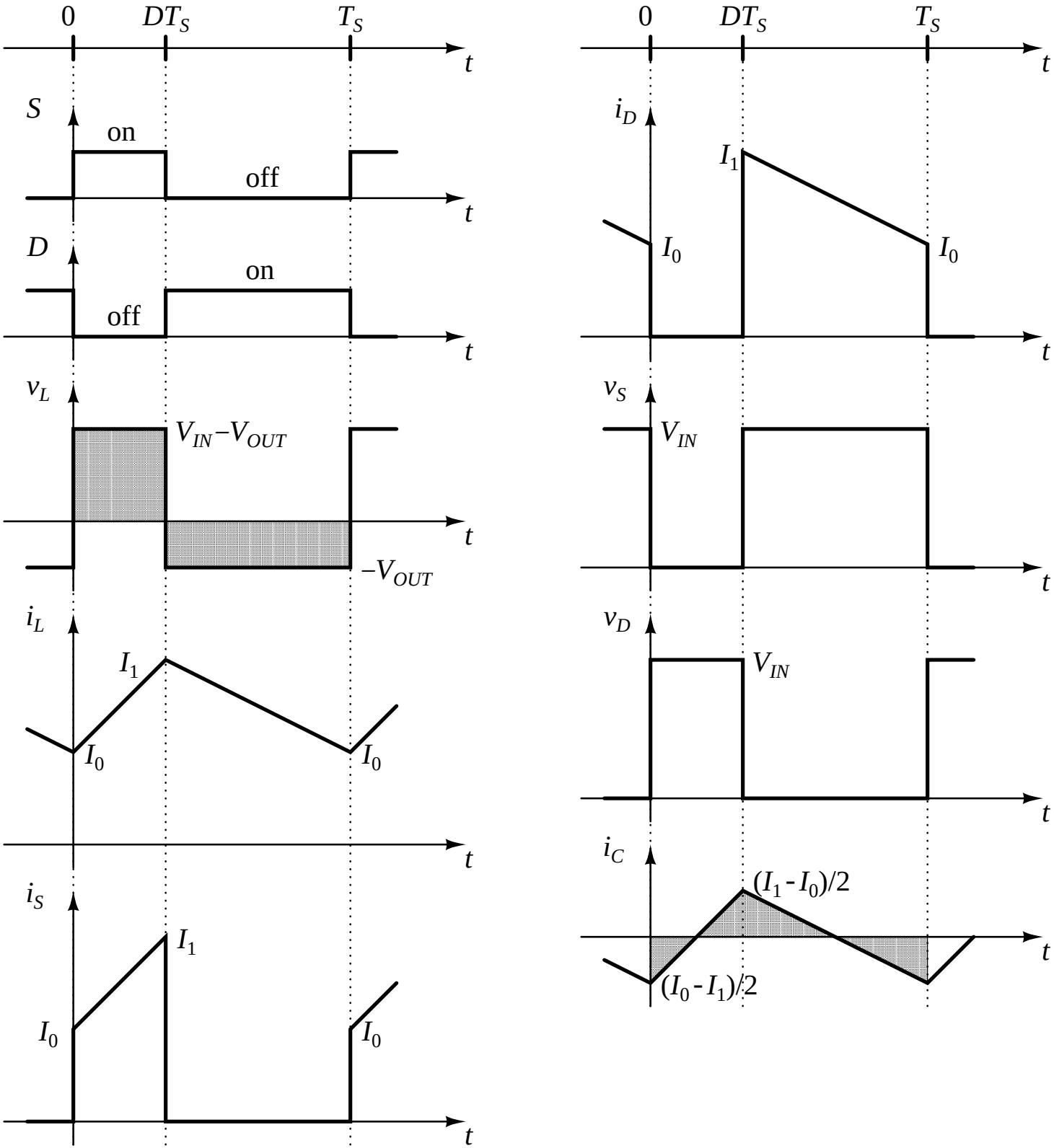
0
DT_S
T_S
t
S
on
off
D
on
off
v_L
$V_{IN}-V_{OUT}$
$-V_{OUT}$
i_L
I_1
I_0
i_S
i_D
v_S
V_{IN}
v_D
i_C
$(I_1-I_0)/2$
$(I_0-I_1)/2$