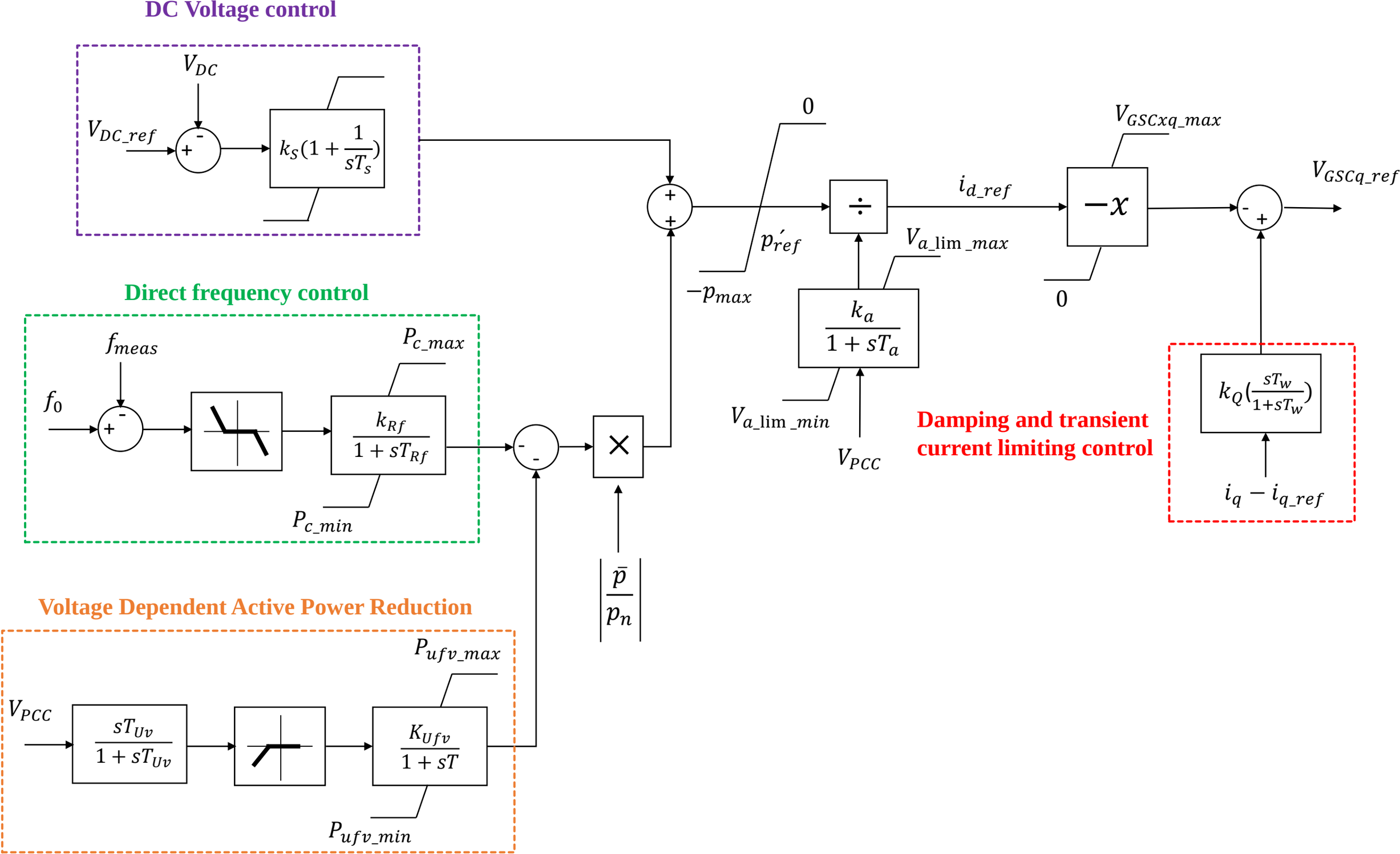
DC Voltage control
V_{DC}
V_{DC_ref}
$k_S(1+\frac{1}{sT_s})$
Direct frequency control
f_{meas}
f_0
P_{c_max}
$\frac{k_{Rf}}{1+sT_{Rf}}$
P_{c_min}
Voltage Dependent Active Power Reduction
V_{PCC}
$\frac{sT_{Uv}}{1+sT_{Uv}}$
P_{ufv_max}
$\frac{K_{Ufv}}{1+sT}$
P_{ufv_min}
$\left|\frac{\bar{p}}{p_n}\right|$
0
p'_{ref}
$-p_{max}$
$V_{a_lim_max}$
$\frac{k_a}{1+sT_a}$
$V_{a_lim_min}$
V_{PCC}
i_{d_ref}
V_{GSCxq_max}
$-x$
0
V_{GSCq_ref}
$k_Q(\frac{sT_w}{1+sT_w})$
$i_q - i_{q_ref}$
Damping and transient current limiting control