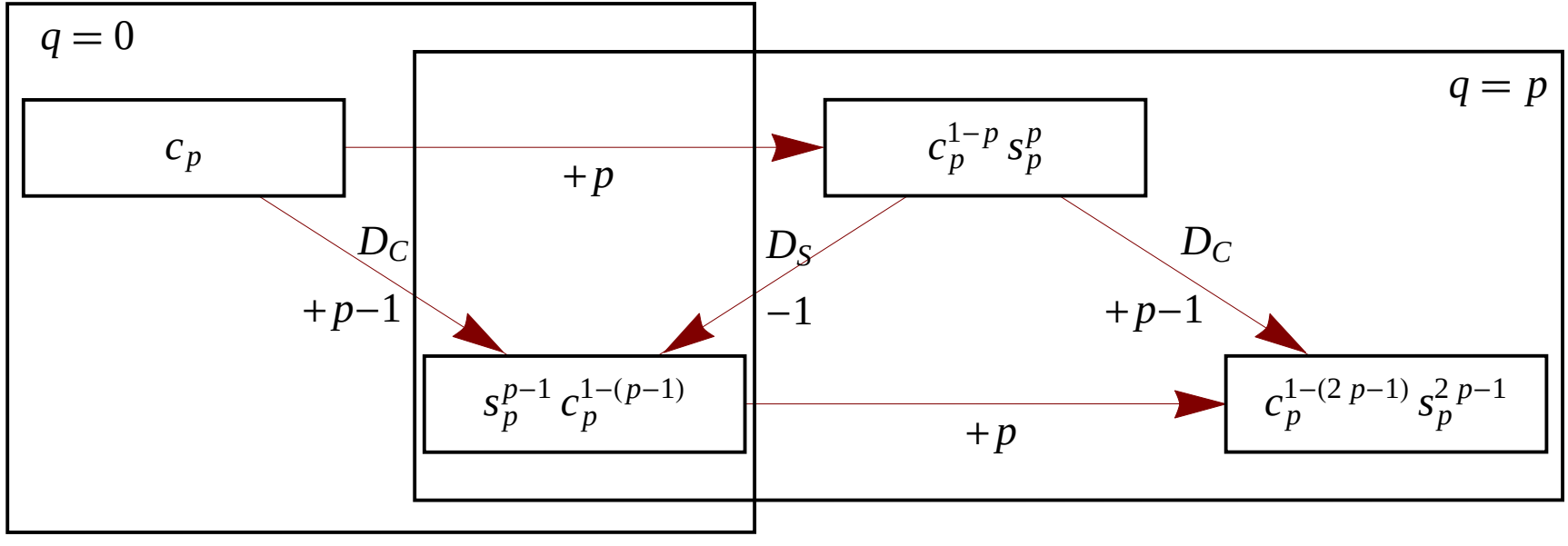
$q = 0$
$q = p$
c_p
$+p$
$c_p^{1-p}\, s_p^p$
D_C
$+p-1$
D_S
-1
D_C
$+p-1$
$s_p^{p-1}\, c_p^{1-(p-1)}$
$+p$
$c_p^{1-(2\,p-1)}\, s_p^{2\,p-1}$