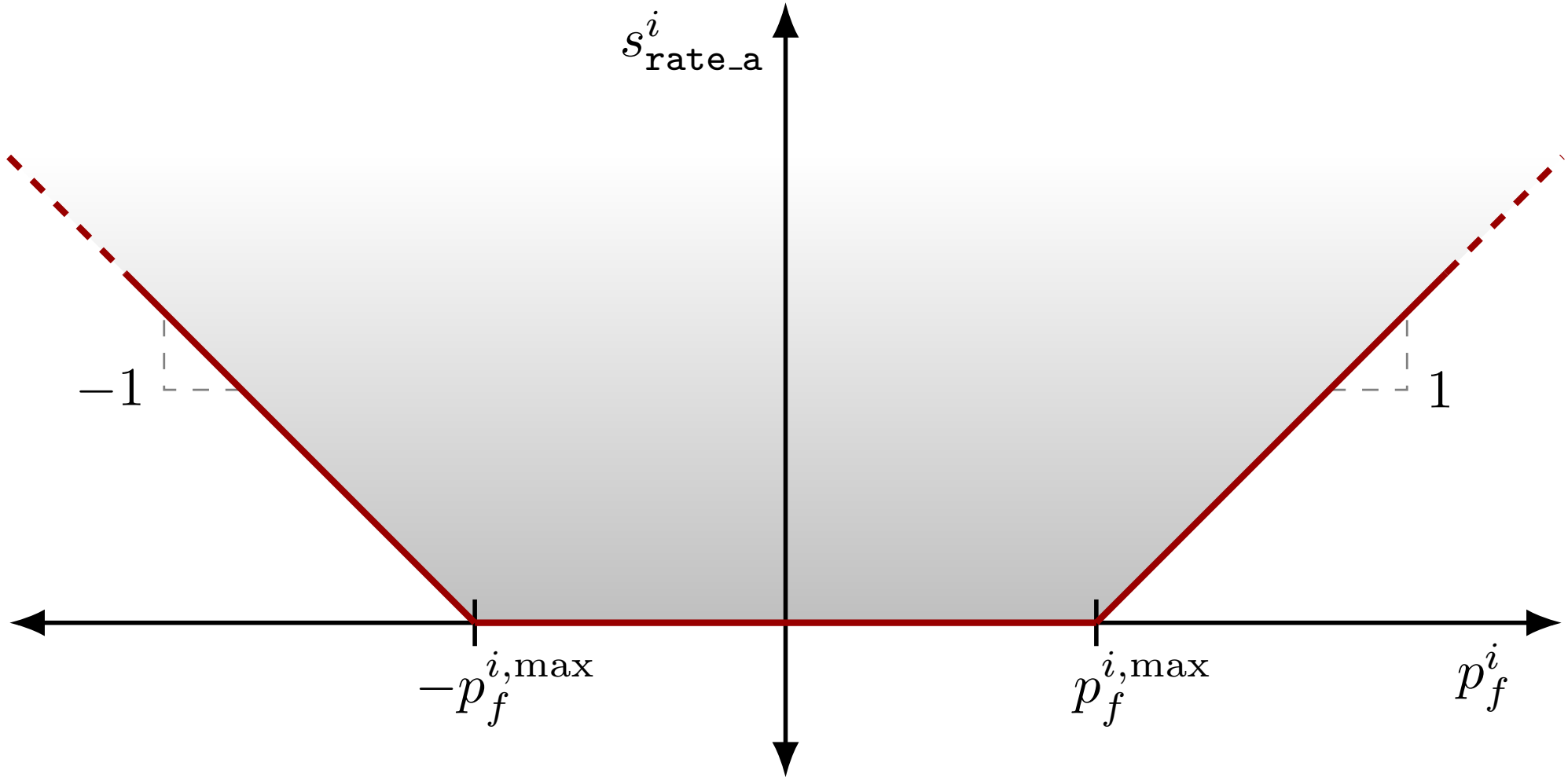
$s^i_{\texttt{rate_a}}$
-1
1
$-p_f^{i,\max}$
$p_f^{i,\max}$
p_f^i