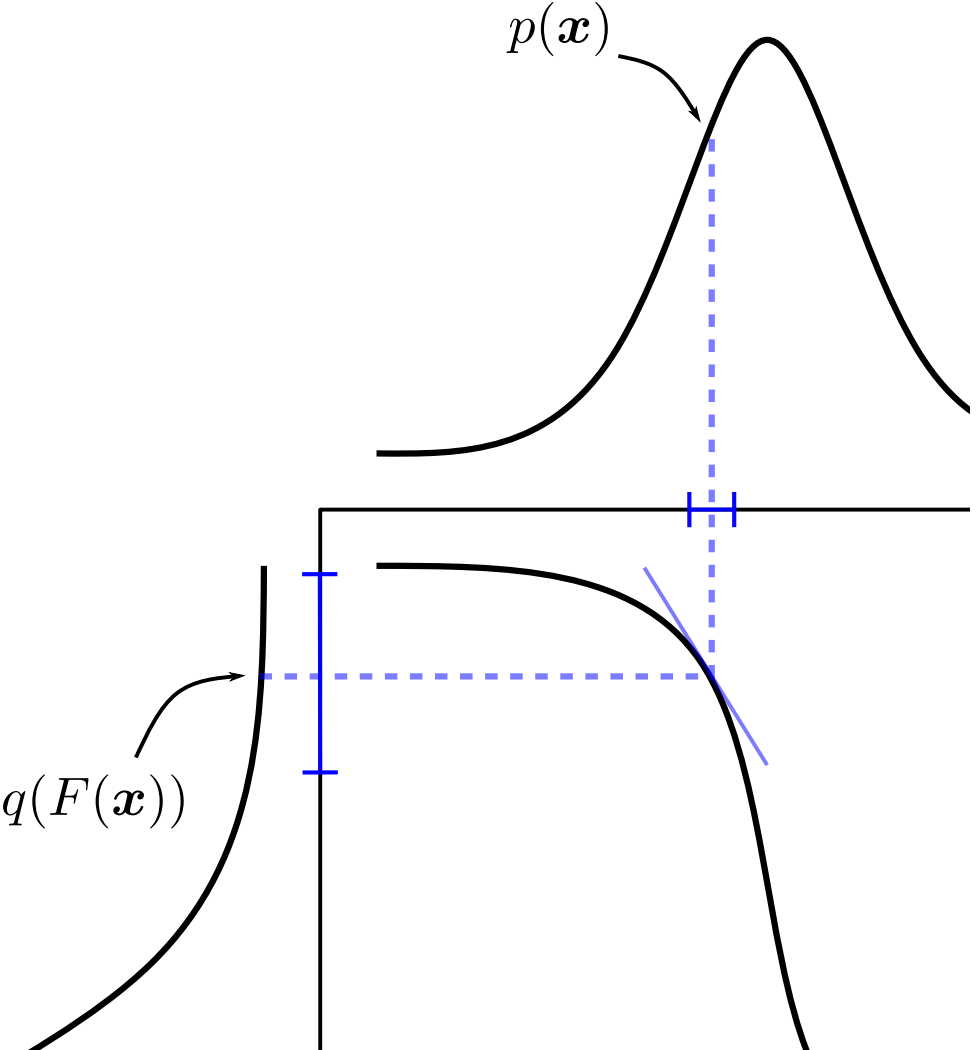
$p(\boldsymbol{x})$
$q(F(\boldsymbol{x}))$