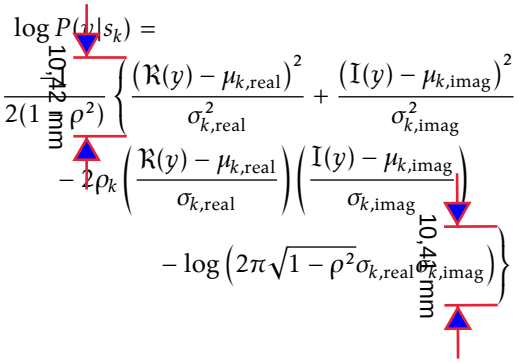
$\log P(y|s_k) =$
$-\frac{1}{2(1-\rho^2)}\left\{\frac{(\Re(y)-\mu_{k,\text{real}})^2}{\sigma_{k,\text{real}}^2}+\frac{(\Im(y)-\mu_{k,\text{imag}})^2}{\sigma_{k,\text{imag}}^2}\right.$
$\left.-2\rho_k\left(\frac{\Re(y)-\mu_{k,\text{real}}}{\sigma_{k,\text{real}}}\right)\left(\frac{\Im(y)-\mu_{k,\text{imag}}}{\sigma_{k,\text{imag}}}\right)\right.$
$\left.-\log\left(2\pi\sqrt{1-\rho^2}\sigma_{k,\text{real}}\sigma_{k,\text{imag}}\right)\right\}$
10,42 mm
10,46 mm