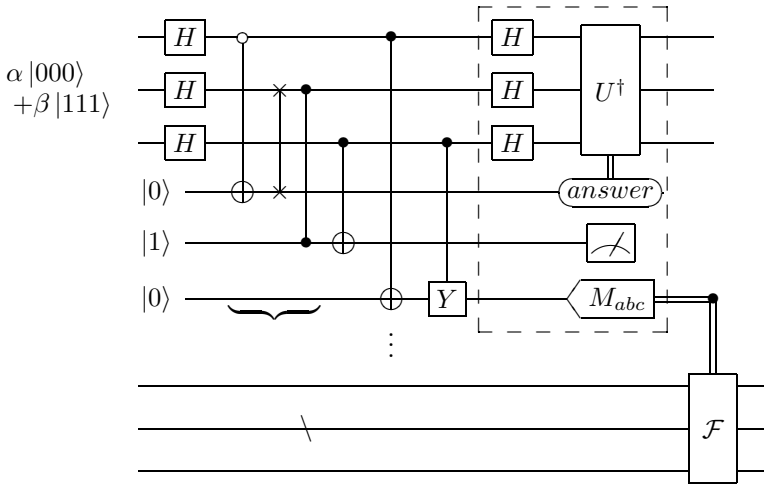
$\alpha\,|000\rangle$
$+\beta\,|111\rangle$
H
H
H
$|0\rangle$
$|1\rangle$
$|0\rangle$
Y
H
H
H
$U^\dagger$
$answer$
M_{abc}
$\mathcal{F}$