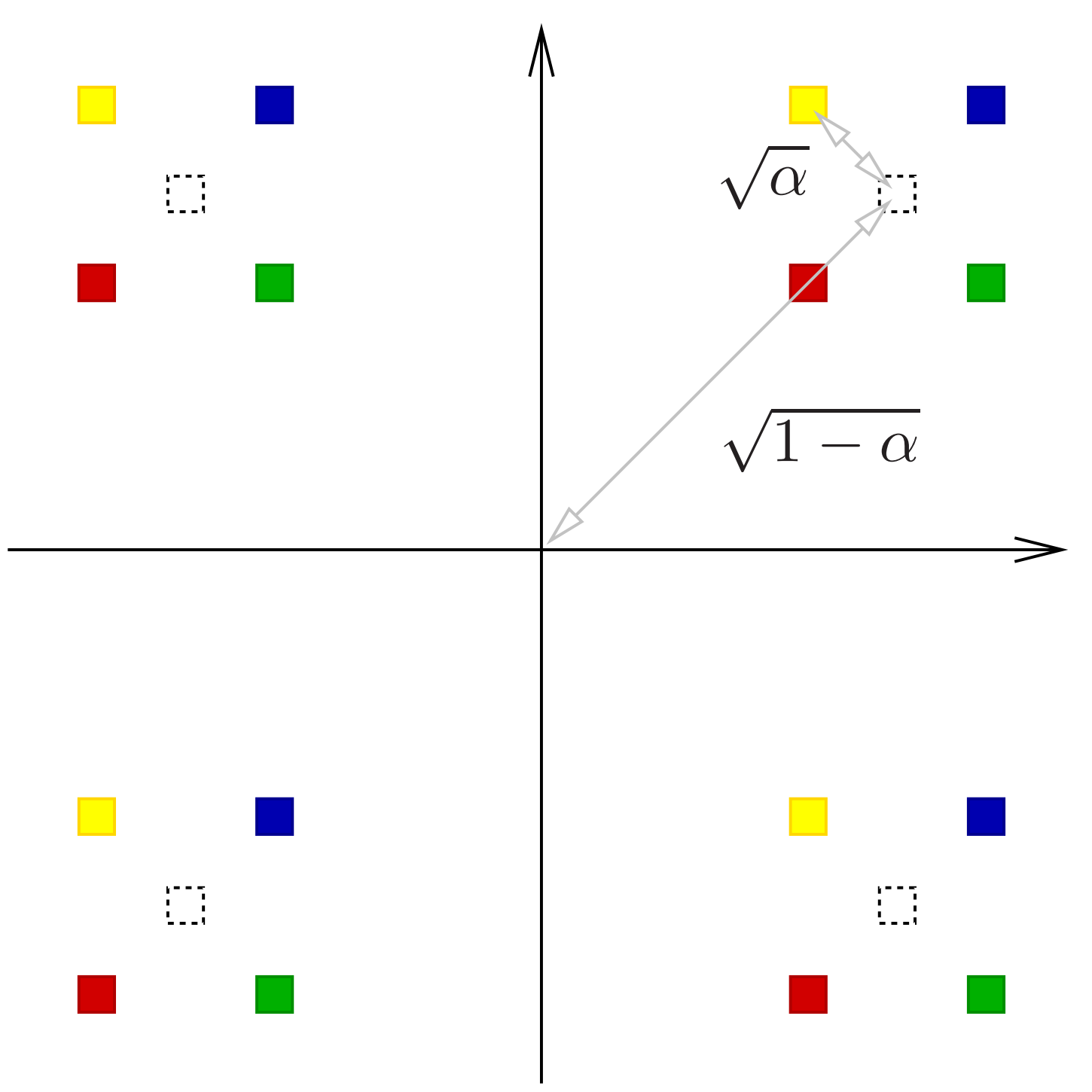
$\sqrt{\alpha}$
$\sqrt{1-\alpha}$