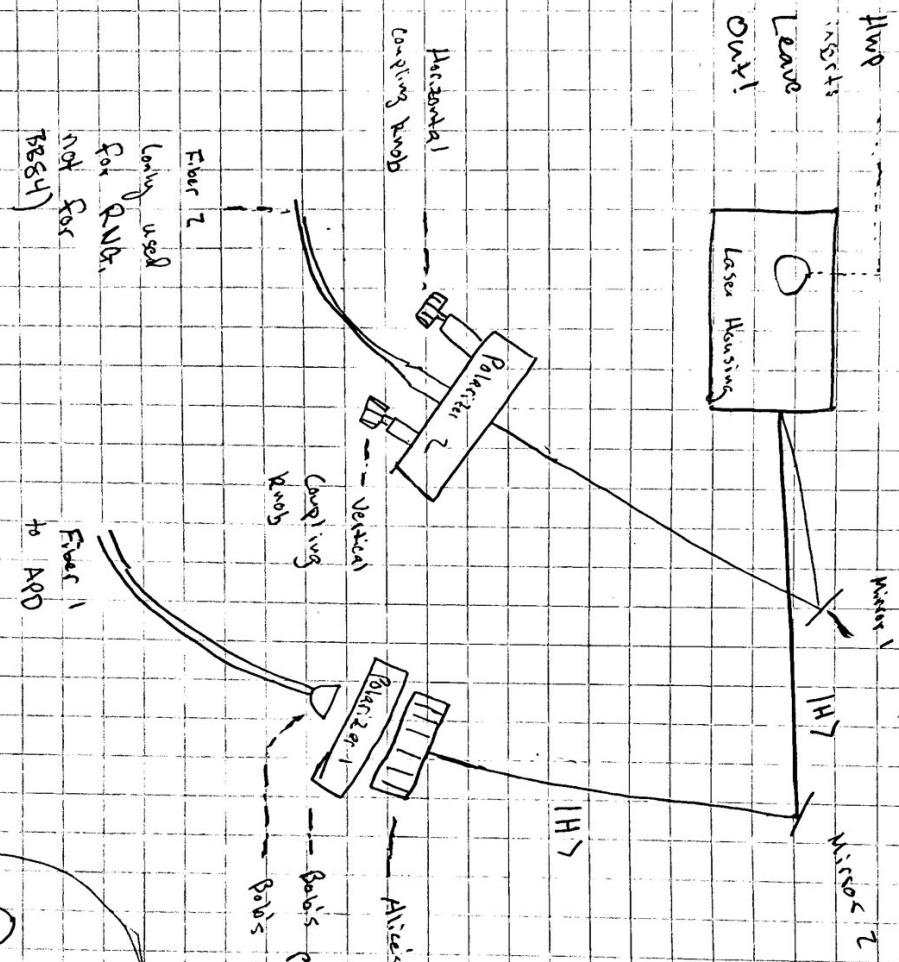


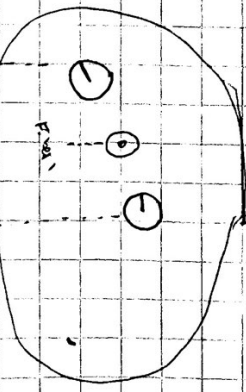
QED overview



Horizontal
Coupling knob

Vertical
Coupling knob

adjust these
to optimize
photon counts

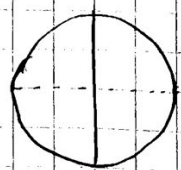


$|H\rangle \approx |V\rangle$
 $|V\rangle \approx |H\rangle$

Birefringent,
corresponding
Jones matrix:
$$\begin{pmatrix} \cos 2\theta & \sin 2\theta \\ \sin 2\theta & -\cos 2\theta \end{pmatrix}$$

i.e. for 0° :

$$\begin{pmatrix} 1 & 0 \\ 0 & -1 \end{pmatrix} \begin{pmatrix} 1 \\ 0 \end{pmatrix} = \begin{pmatrix} 1 \\ 0 \end{pmatrix} = |H\rangle$$



slow axis