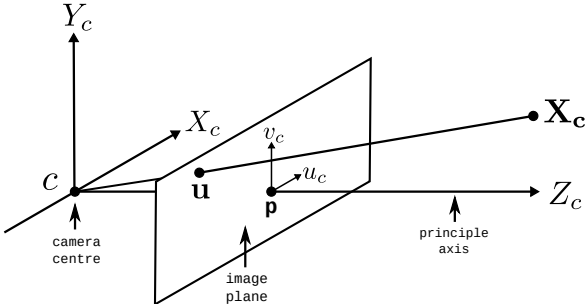
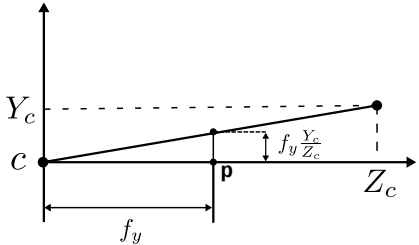

Y_c
X_c
$\mathbf{X_c}$
v_c
u_c
c
$\mathbf{u}$
$\mathbf{p}$
Z_c
camera centre
image plane
principle axis


Y_c
$f_y \frac{Y_c}{Z_c}$
c
$\mathbf{p}$
Z_c
f_y