

2012/3/16 MagSpec analysis note 3

info ⑤⑥ focusing factor for x & y

x : map(1), screen

y_1 : map(2) / map(6)

(2): x [mm] (rms)

(6): x [mm] (rms, b)

y_2 : map(⁴~~1~~) / map(8)

(4): y [mm] (rms)

(8): y [mm] (rms, b)

\hookrightarrow gives $y = f(x)$ for ⑤, ⑥, X_i is info ①

info ⑦ path length

x : trj(13)

y : trj(12), total path [m]

\hookrightarrow gives $y = f(x)$ ($\times 1000$ for x to [mm]), X_i is info ①

Y -axis info

you know mm/pixel from field of view / 512

pixel to give $y=0 \Rightarrow$ cam0 76

cam2 45

cam3 46

cam4 41