

# Asymmetries for different raster cut

Pengjia Zhu

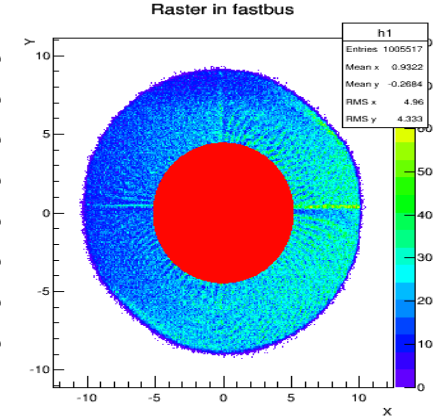
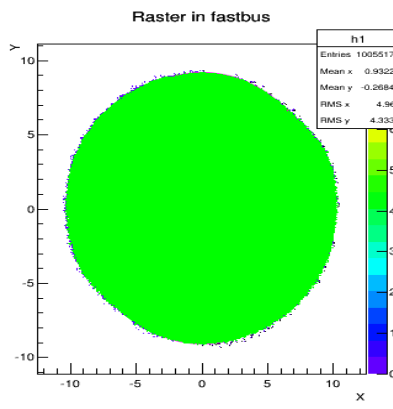
Longitudinal 2.2GeV 5T Left

Use dilution 0.15

Other cuts:  
Detector cuts

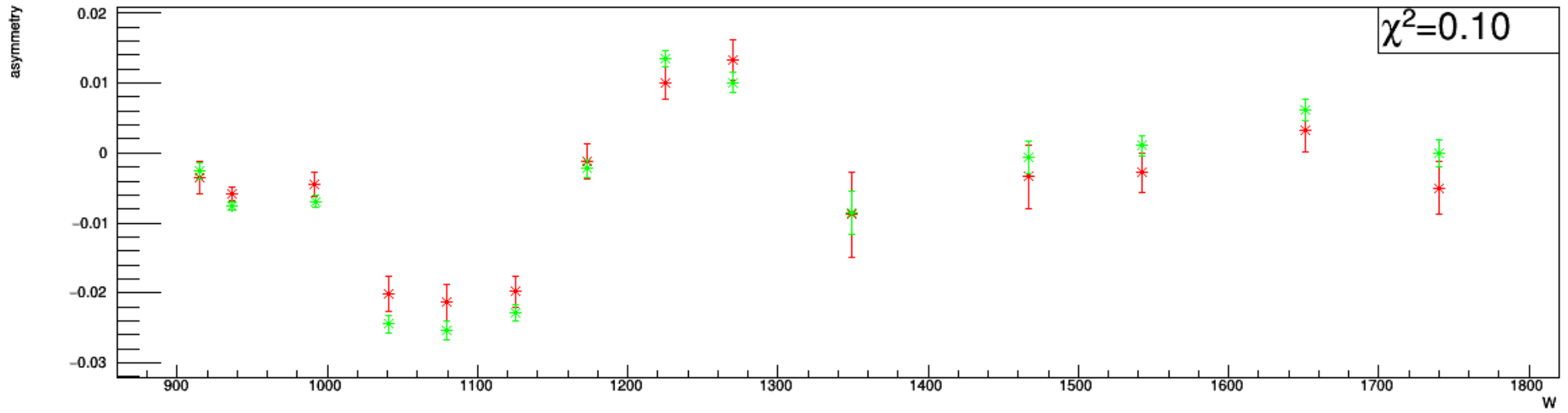
Green: no raster cut

Red: cut at raster center(50% radius)

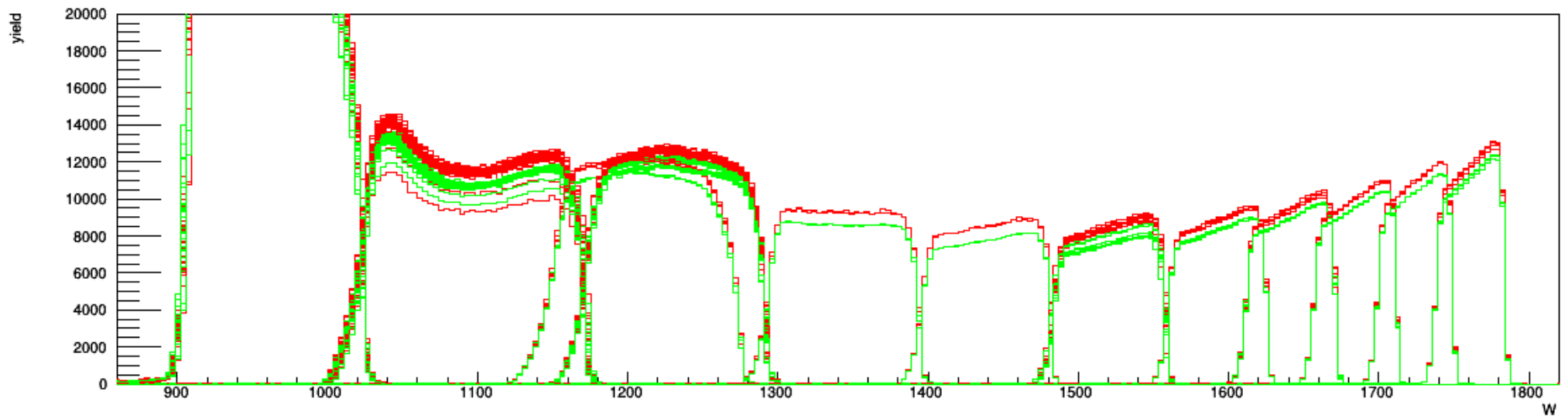


Asymmetry

$\chi^2=0.10$



Yield



Longitudinal 2.2GeV 5T Left

Use dilution 0.15

Other cuts:

Detector cuts

Pink: no raster cut

Red: Cut on 1st quadrant

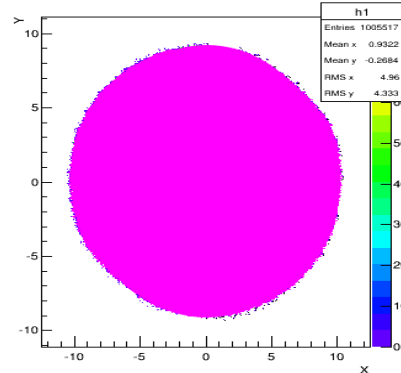
Green: Cut on 2nd quadrant

Blue: Cut on 3rd quadrant

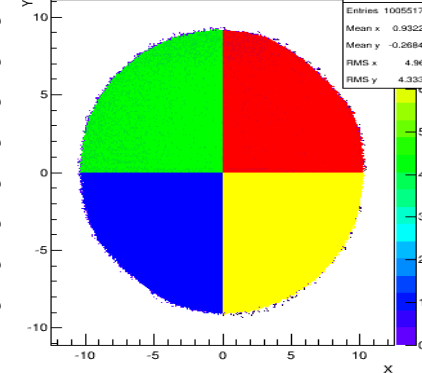
Yellow: Cut on 4th quadrant

Asymmetry

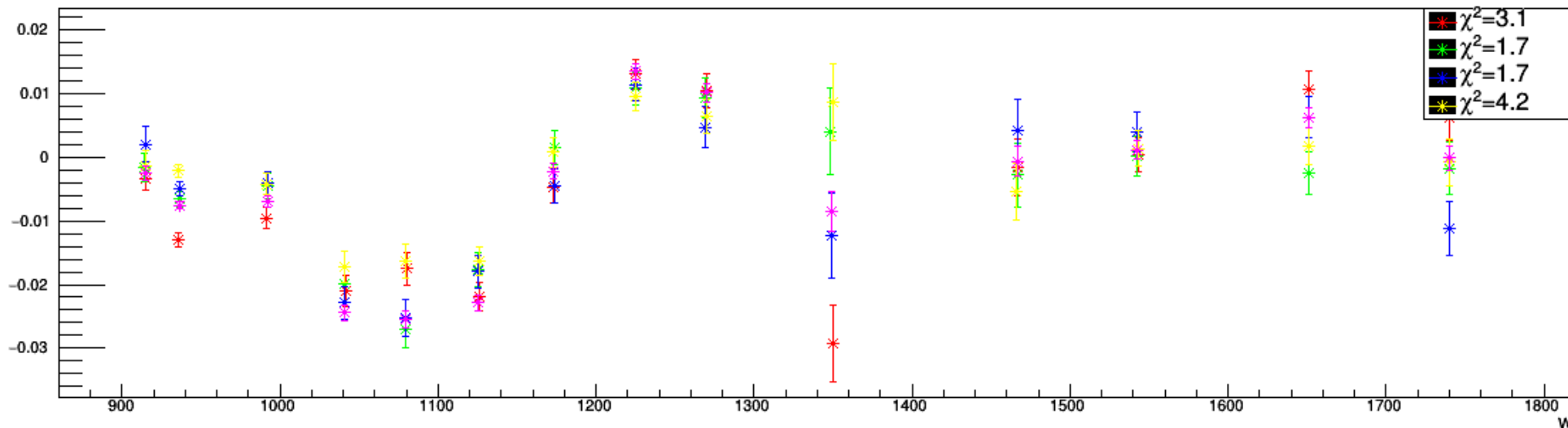
Raster in fastbus



Raster in fastbus

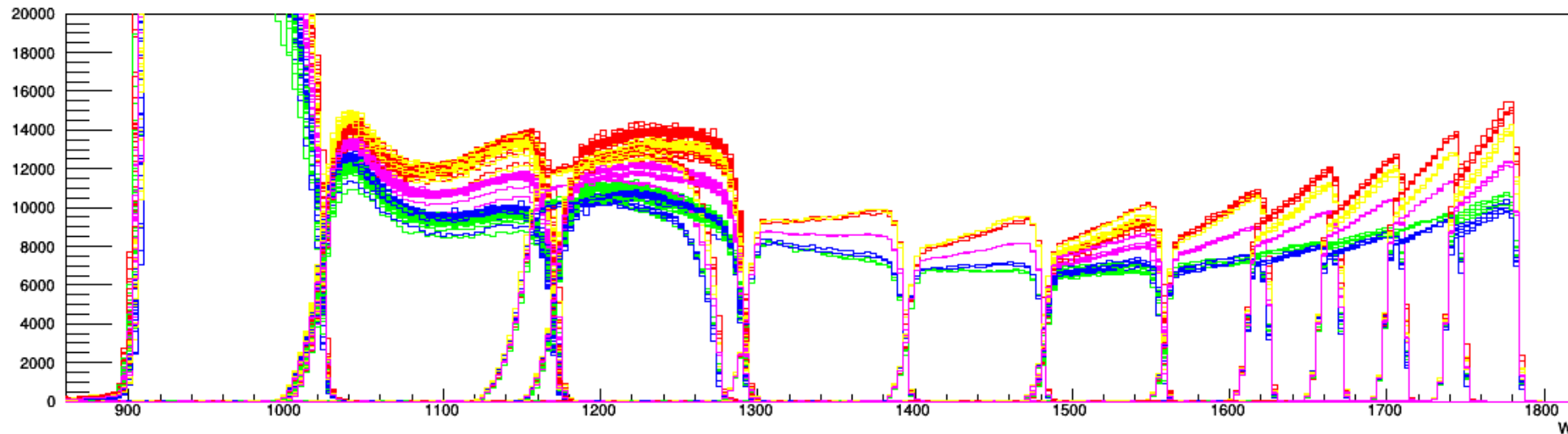


asymmetry



Yield

yield



Transverse 2.2GeV 5T Left

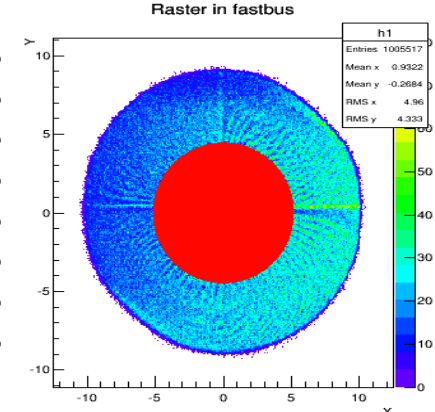
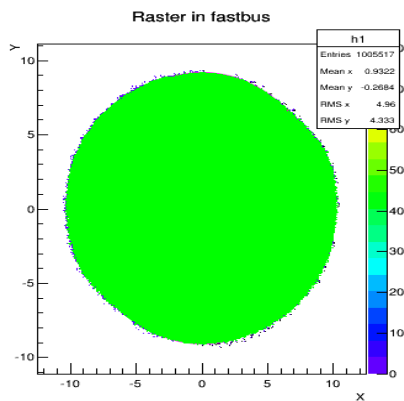
Use dilution 0.15

Other cuts:

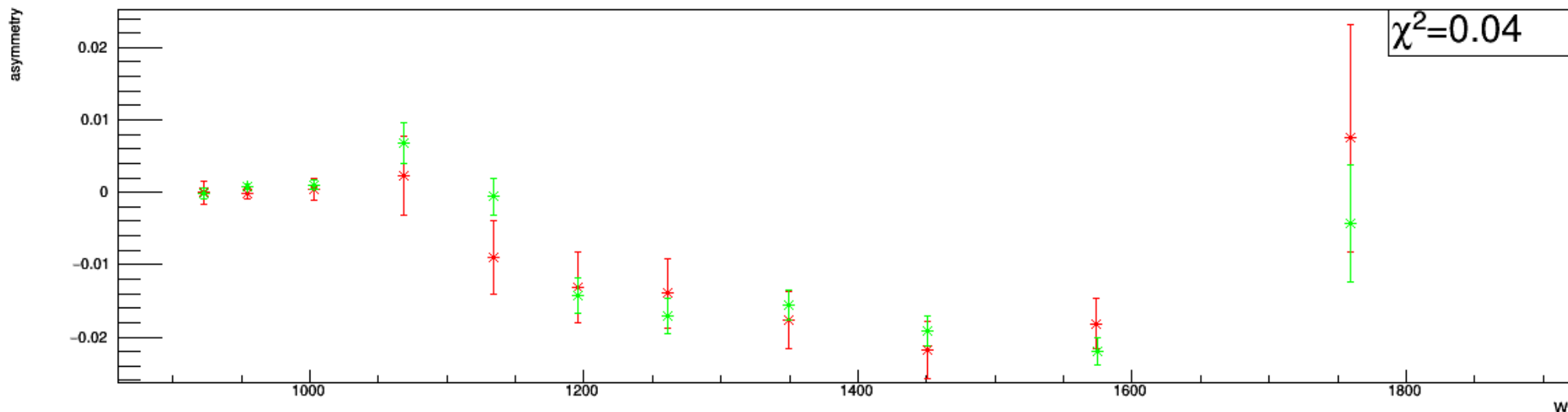
Detector cuts

Green: no raster cut

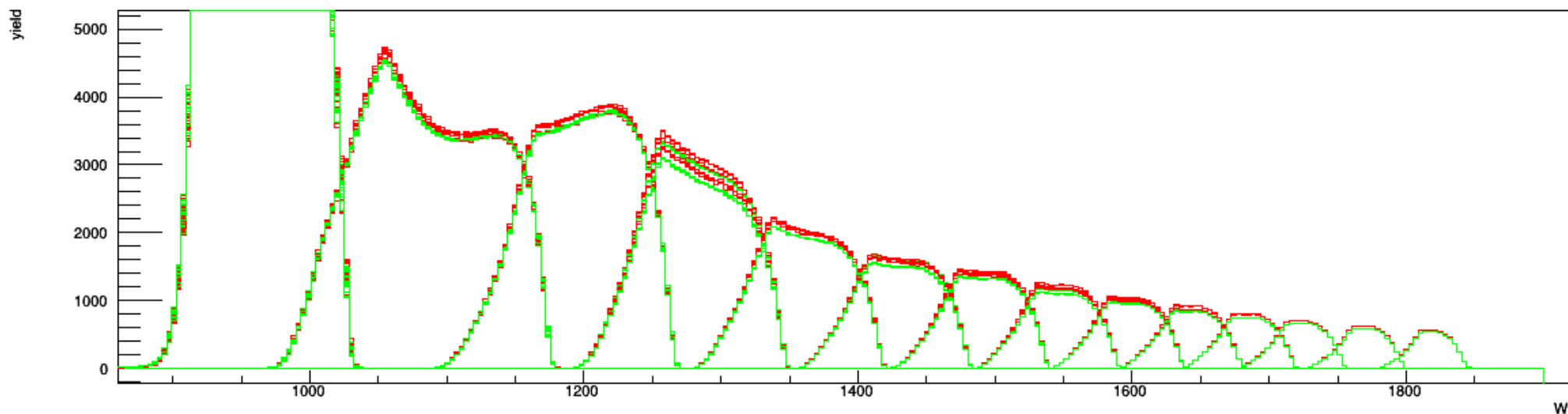
Red: cut at raster center(50% radius)



Asymmetry



Yield



Transverse 2.2 GeV 5T Left

Use dilution 0.15

Other cuts:

Detector cuts

Pink: no raster cut

Red: Cut on 1st quadrant

Green: Cut on 2nd quadrant

Blue: Cut on 3rd quadrant

Yellow: Cut on 4th quadrant

Asymmetry

