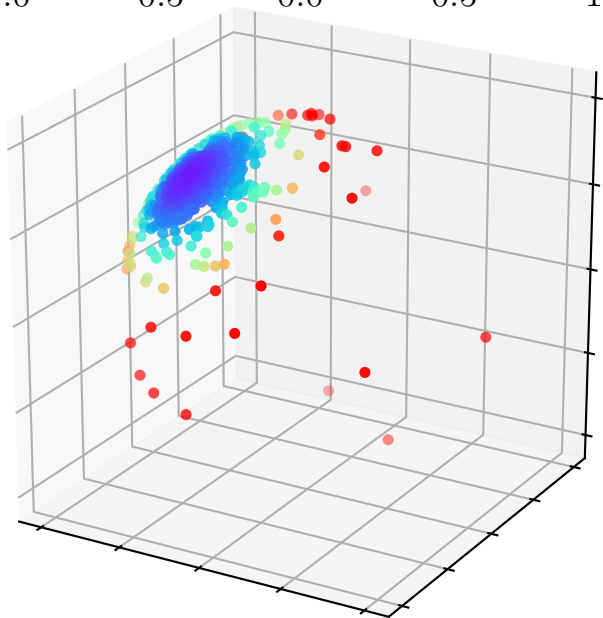
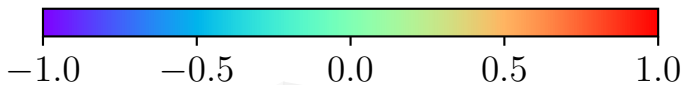


Doppler shift  $\Delta\lambda/\lambda$



$v$  (c)  0.99

$\phi$  (rad)  4.000

$\theta$  (rad)  0.700