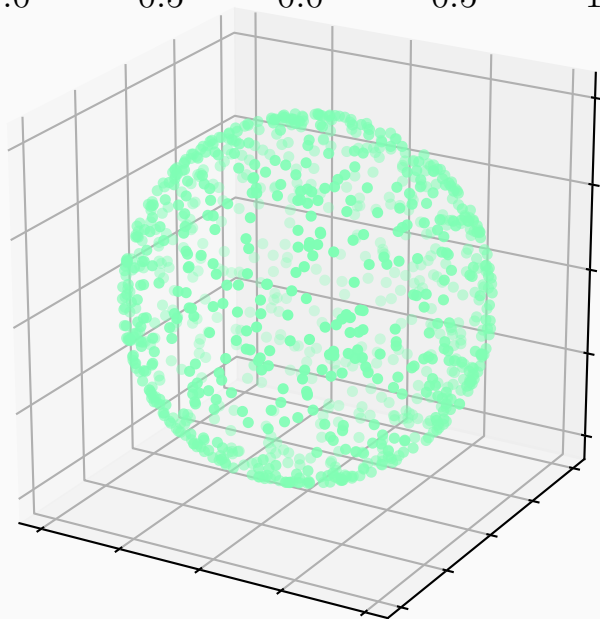
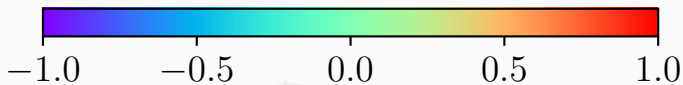


Doppler shift $\Delta\lambda/\lambda$



v (c) 0.001

ϕ (rad) 4.000

θ (rad) 0.700