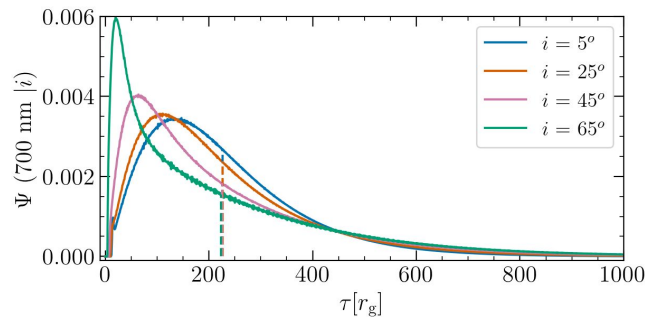
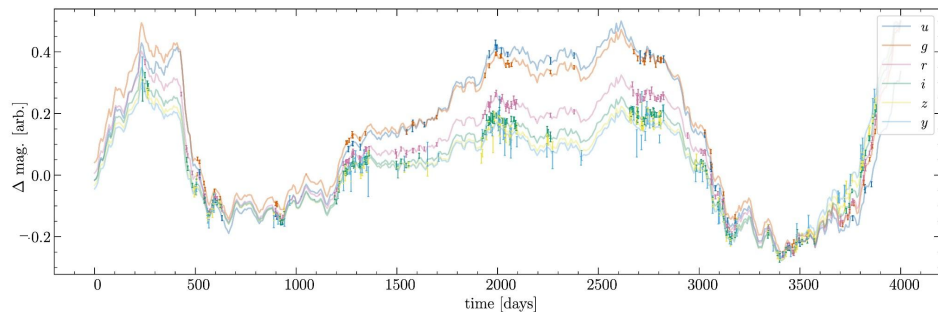
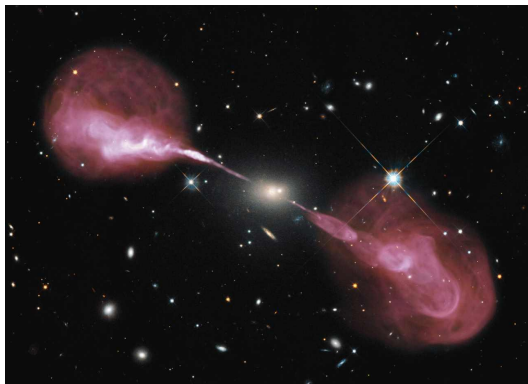




What's in a transfer function?

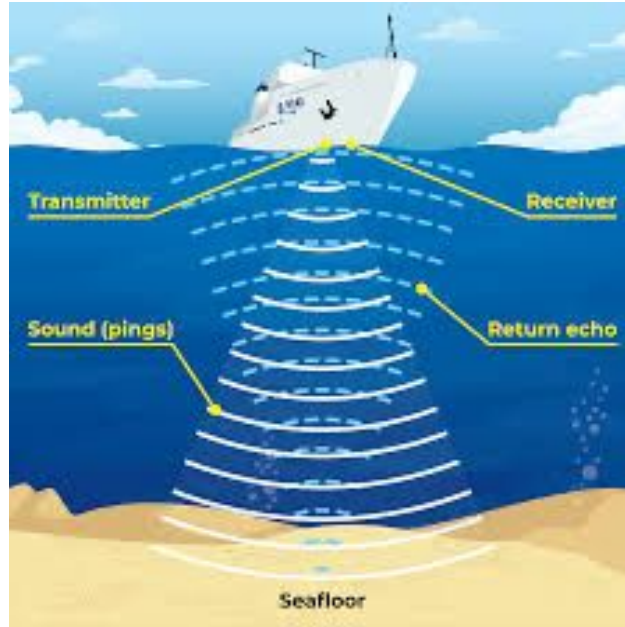
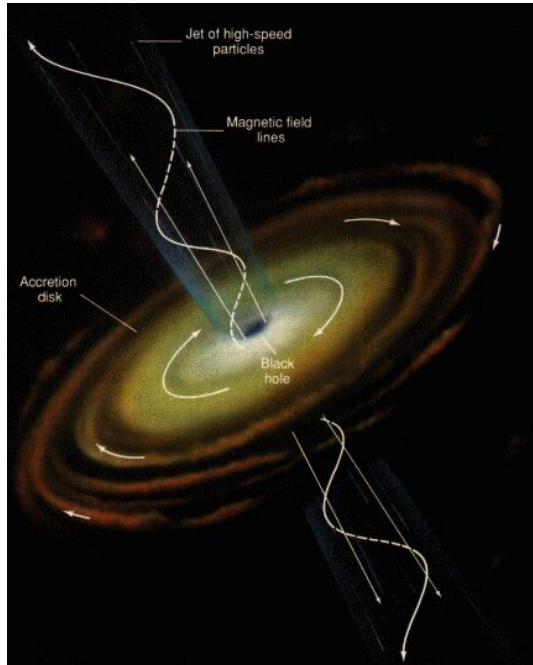


- Tatra Summit 25 -
Henry Best

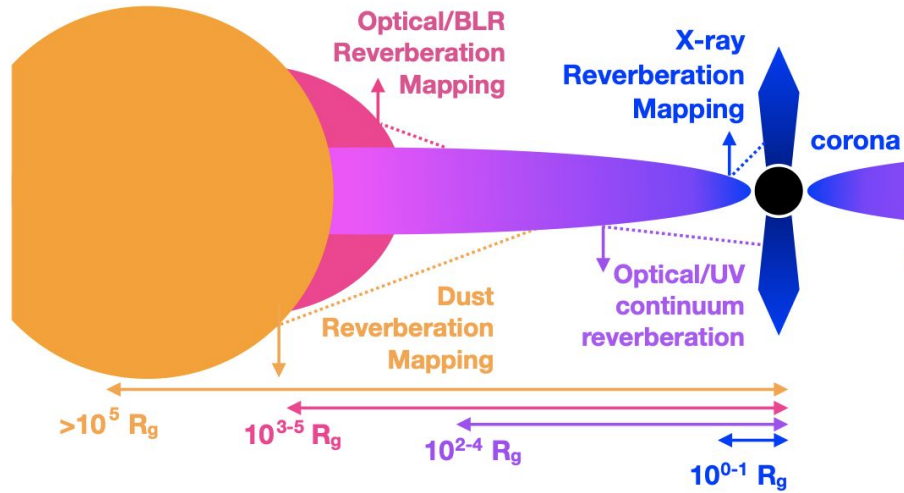
HBest@gradcenter.cuny.edu
github.com/Henry-Best-01
 Streamlit: @Henry-Best-01



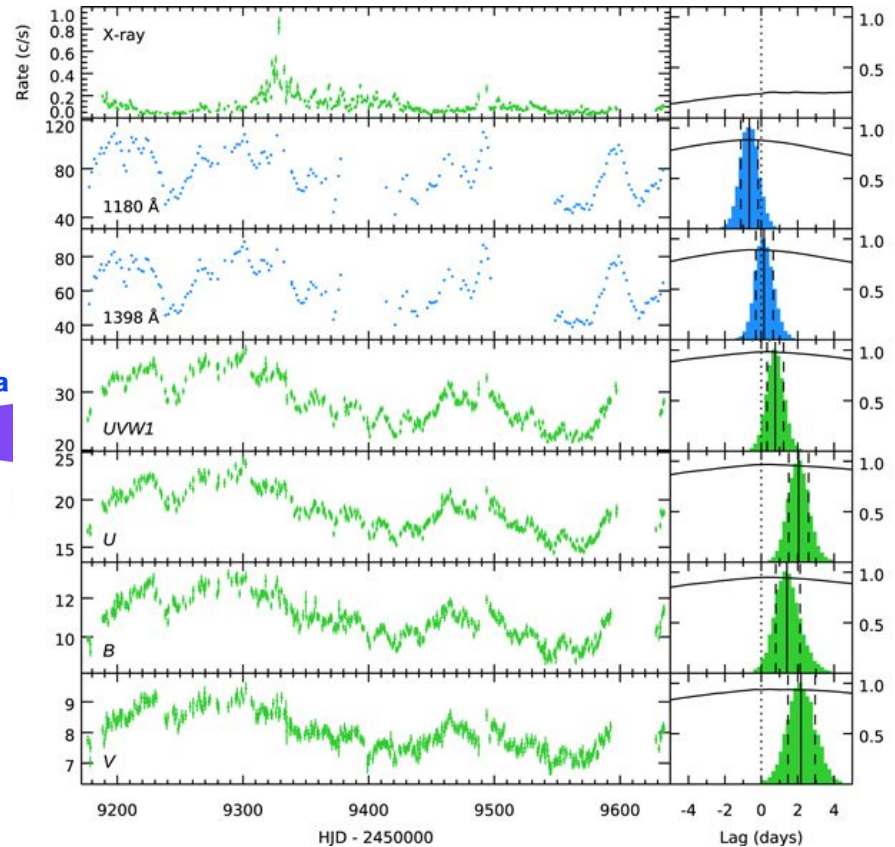
Reverberation - The echo of a system



Reverberation in AGN

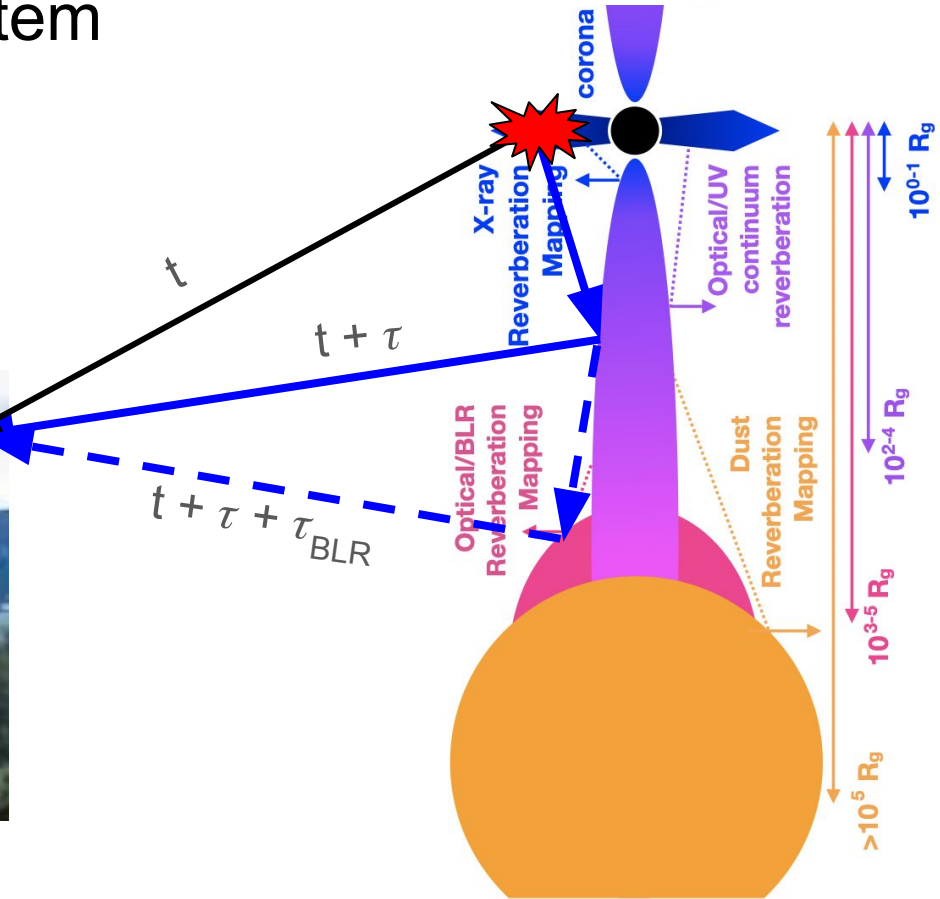


Cackett+ 2017



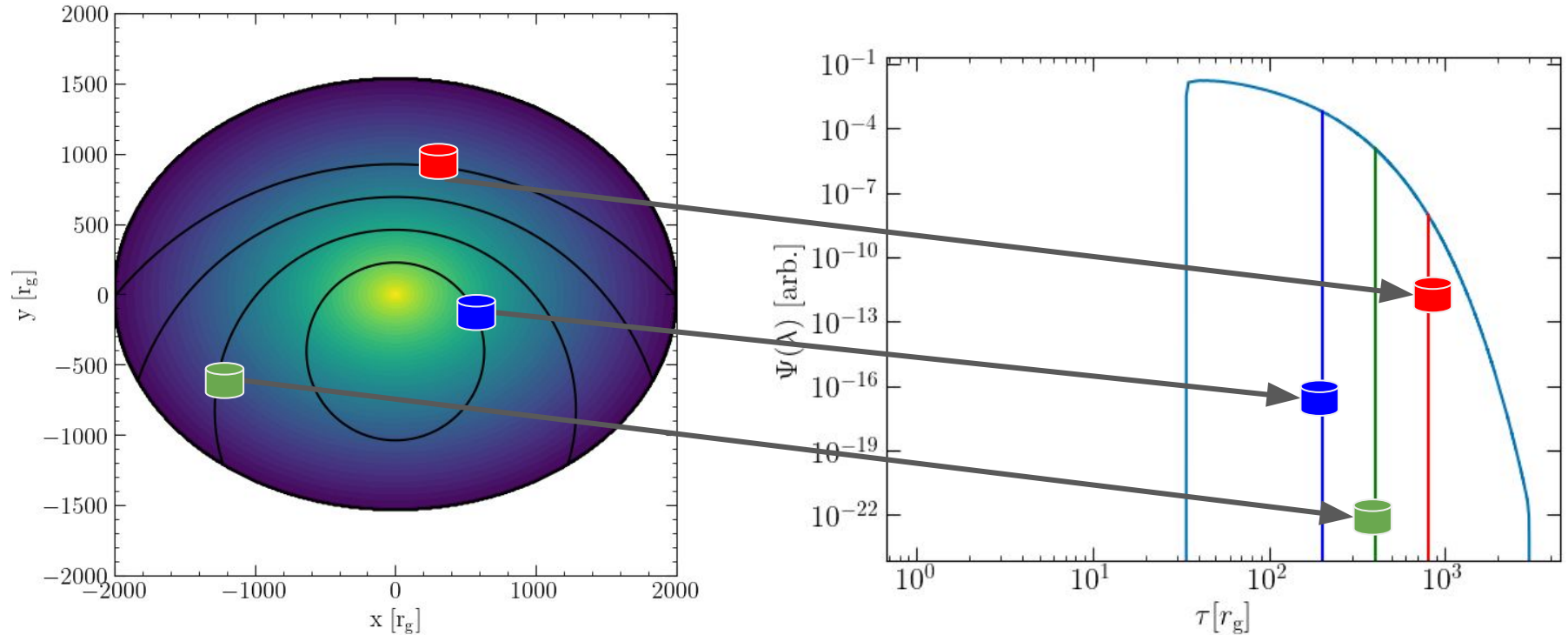
Cackett+ 2023

Time lags in an ideal system

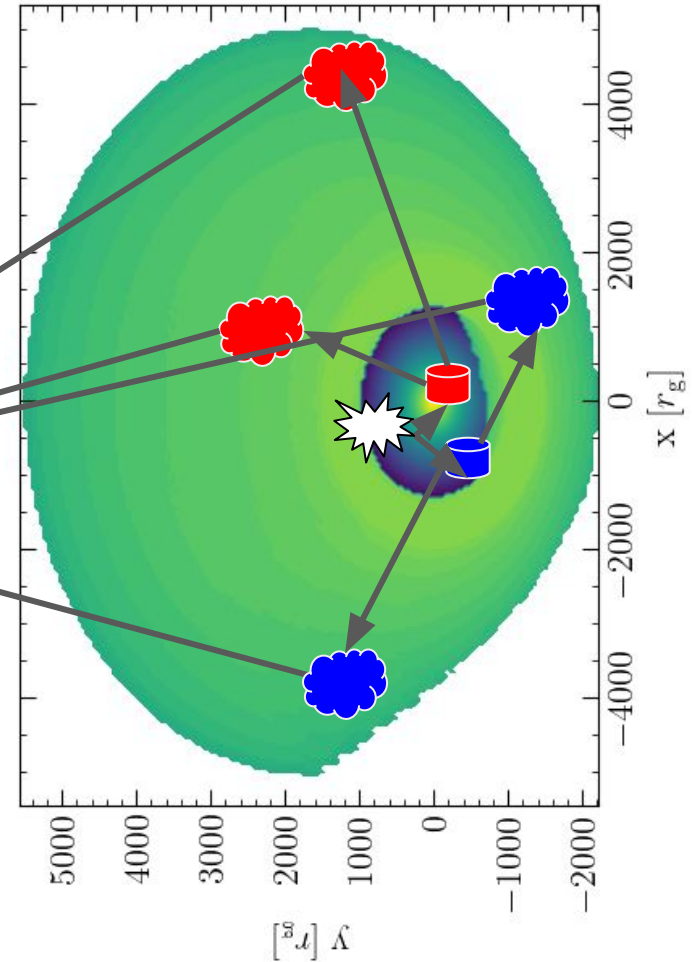


Happy astronomer, thanks Google

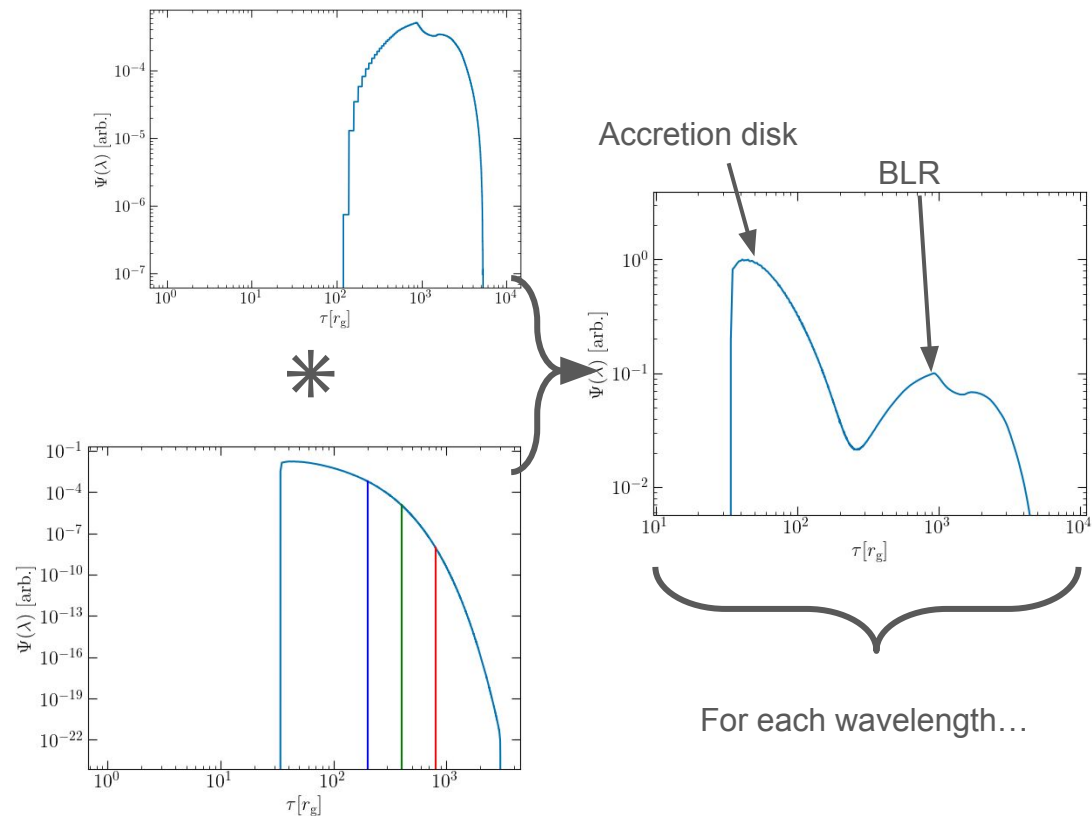
The lamppost model is convenient



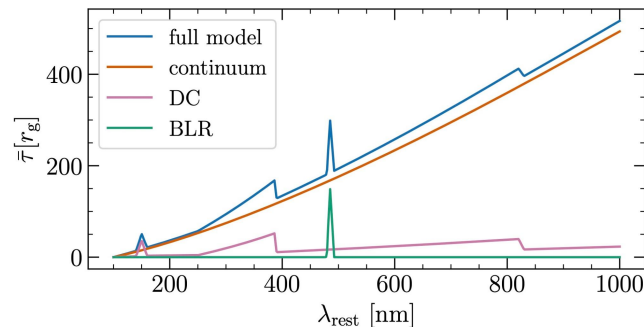
Reverberation from the BLR
is more complicated...



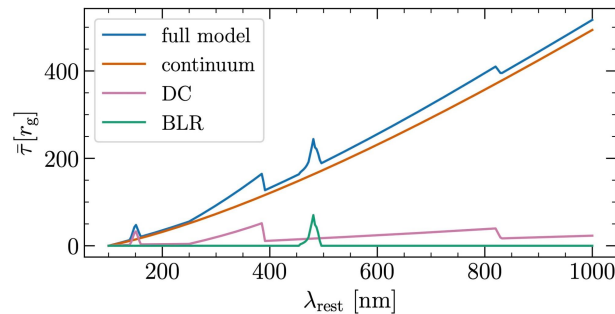
The ~~contaminated~~ physics-encoded transfer function



Face-on

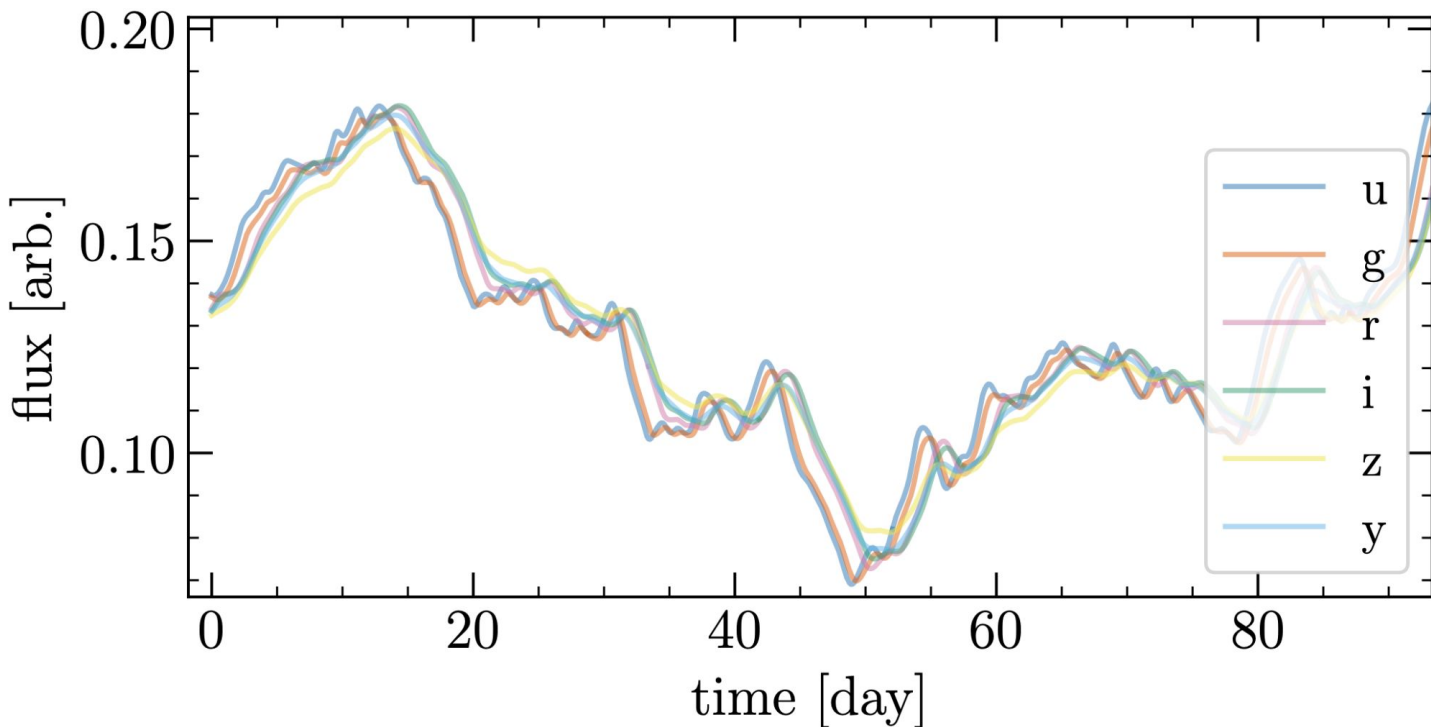


Inclined



Q: What's in a transfer function?

A: All the physics and geometry you want!



Thank you for your attention!