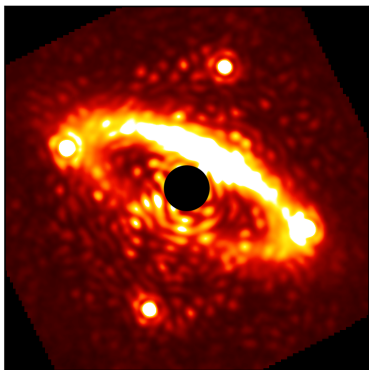


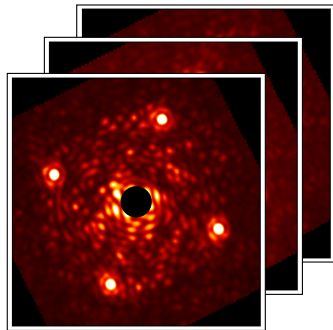
$$\mathbf{I} = \mathbf{I}_* + \mathbf{I}_c$$



Target Image
(star + disk light)

$$\mathbf{R}$$

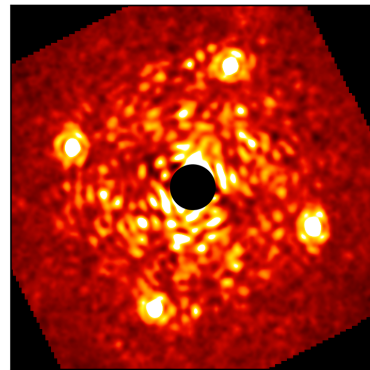
$$\{\mathbf{R}_1, \mathbf{R}_2, \dots\}$$



Reference Images
(starlight only)

Build a model
($\mathbf{M}$) of the
starlight in $\mathbf{I}$
as the linear
combo of
 $\{\mathbf{R}_1, \mathbf{R}_2, \dots\}$
that best
matches $\mathbf{I}$

$$\mathbf{M}(\mathbf{I}, \mathbf{R})$$



$\mathbf{M}$ is too bright as we're modeling starlight by
fitting starlight to star+disk light: "oversubtraction"

$$\mathbf{I}_r = \mathbf{I} - \mathbf{M}$$

