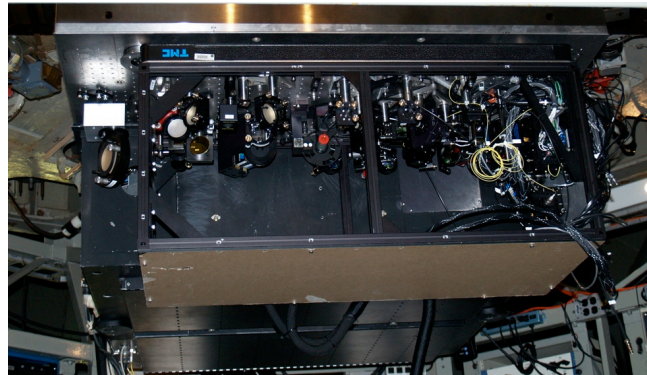
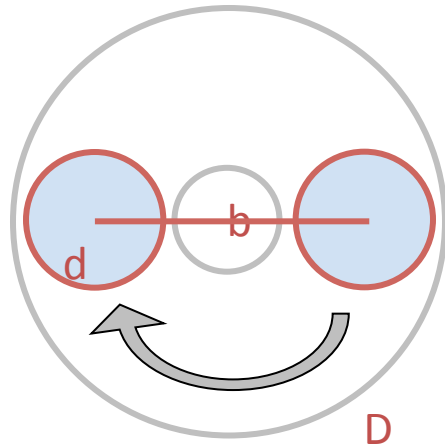


The Rotating Palomar Fiber Nuller

(The best nuller you've never heard of)

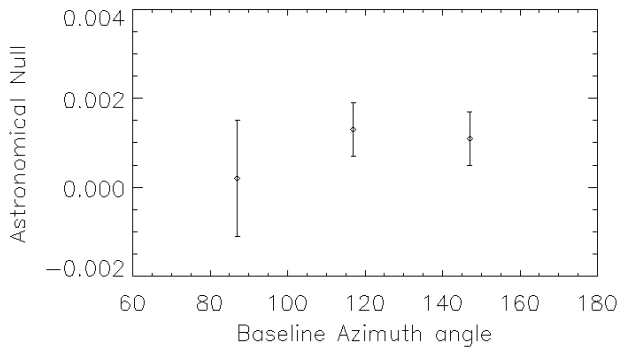
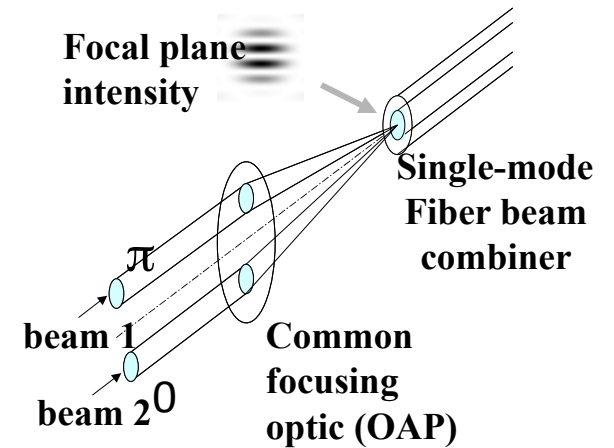
E. Serabyn, B. Mennesson, S.R. Martin, K. Liewer, D. Mawet et al.

Goal: use a rotating baseline nuller a la TPF-I for exozodi detection

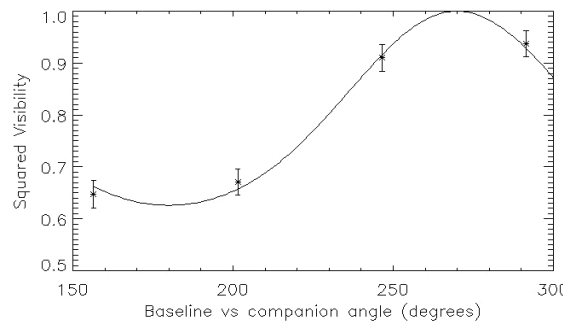


On the telescope

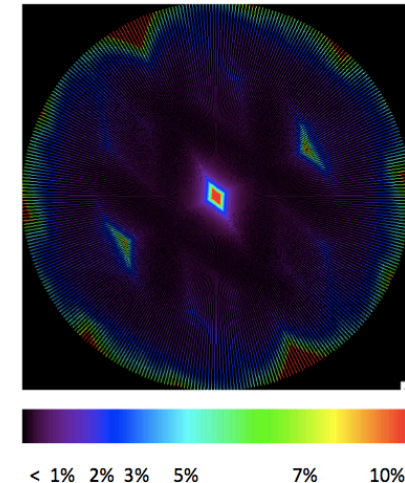
Demonstrate simplified beam combining optics



Excellent demonstrated null depth accuracy ($< 0.1\%$ at $2 \mu\text{m}$)



companion detection



Mapping capability: Upper limits to Vega dust