T
· Toy model
W=XDD+(Y°D+Y°H)le
= X P, D + Yi Pi le O A
K = canonical Kähler @ 1
$\phi_{r}(\mu)_{i} = \sqrt{Z(\mu)}_{ij} \phi_{j}(\Lambda) \qquad \Longleftrightarrow \phi_{i}(\Lambda) = \xi_{ij}(\mu) \phi_{r}(\mu)_{i}$
$\ell_r(M) = \sqrt{2\ell(M)} \ell(\Lambda)$
er (M) = JZe(M) e (1)
running from 1 to M
d)
At messenger scale Mx,
W> &X &D Sis
$= k \frac{1}{\sqrt{Z_{x}(M_{x})}} \chi_{r}(M_{x}) \left[ \left( Z^{\frac{1}{2}} \right)^{-1} \right]_{1j} \phi_{rj}(M_{x}) \frac{1}{Z_{\bar{o}}(M_{y})} \overline{D_{r}(M_{x})}$
A
PONY MASSIVE
$\widehat{\phi}_{r_1} \propto \widehat{\phi}_{1}(\underline{\lambda}) \Longrightarrow \frac{1}{c} (\widehat{\xi}_{11} \widehat{\phi}_{r_1} + \widehat{\xi}_{12} \widehat{\phi}_{r_2})$
MASSIVE EIGEN HEAVY @ My
2 - 1 (= 6 * 0 + 6 0)
$\hat{\phi}_{rz} = \frac{1}{2} \left( -\frac{1}{2} + \frac{1}{2} + $
W= E CXPnD
VV = JZX ZD
+ Prilrer JELZe [ 7, + 1 (5,1521+5,2522) 4,2]
Tyri 2rer 5828e [01 1 C2 (311321 312322) 02
+ Prz lrer (5118,2-812821) y.
C/818e (311372 312321 / 0)

(cos & eigsind) (-eigsina cos &)

Approximating at the 1-logo level,	
$ \widetilde{Y}_{1}(M) = \frac{C}{\sqrt{Z_{2}Z_{2}}}(M)\left[Y_{1}^{0} + \frac{\xi_{1}\xi_{21} + \xi_{12}^{*}\xi_{22}}{C^{2}}(M)Y_{2}^{0}\right] $	
$\approx \frac{1}{\sqrt{z_e z_e z_{11}}} (M) y_1^0 + (7)$	
J <sub>2</sub> (M) & \[ \frac{1}{\\mathcal{Z}_2 \\mathcal{Z}_2 \\mathcal{Z}_	
$y^{\circ}(\Lambda)$ $y^{\circ}(\Lambda) + \Phi$ , defined as that coupling to X.  Trunning	. (
$\frac{2}{2}$ mass eigenstates $\frac{2}{2}$ $\frac{2}{2$	
Y(M)	
	. (