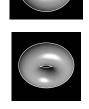


Formal geometry is nearly intractable

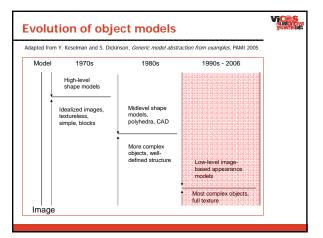
 $\begin{array}{l} 13u^4r_1^4-8r_1^4v^4+24u^6v^2-6u^2r_1^6+40v^2r_2^4u^2\\ -40v^2r_2^2u^4-88v^4u^2r_2^2-40r_1^2v^4u^2 \end{array}$

(Ponce & Kriegman, 1990)

- $-40r_1^2v^4r_2^2-20r_1^4v^2r_2^2-24v^2r_2^6+52v^4r_2^4$
- $-\,48 v^6 r_2^2+48 v^6 u^2+52 u^4 v^4-20 r_1^2 r_2^4$
- $\begin{aligned} &+44r_1^2v^2r_2^4-8r_2^4u^4+r_1^8-44u^4v^2r_1^2+13r_2^4r_1^4-12r_2^6r_1^2\\ &-6r_2^2r_1^6+22r_2^2u^2r_1^4-20r_2^2u^4r_1^2+20v^2u^2r_1^4+4r_2^8+4u^8\\ &+16v^8-12u^6r_1^2=0\end{aligned}$



VIGES



VIGES **Object-centered versus viewer-centered** 3D reconstruction matching 10 ſ Î learning matching 116 scene input training image images

