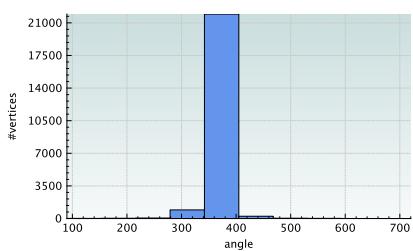
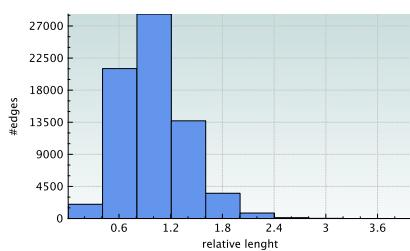


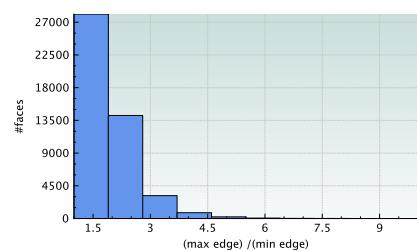
raptor



min angle 91.413°
max angle 665.313°
angles below 90.00° : 0

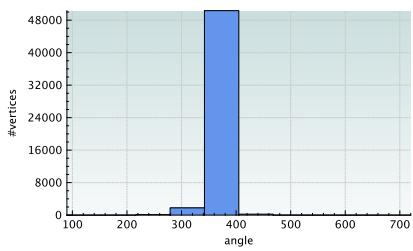


min relative lenght 0.0216
max relative lenght 3.5124

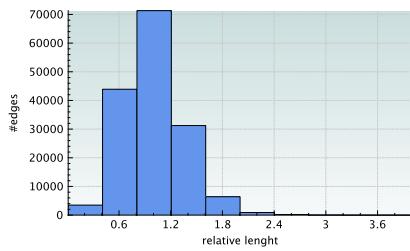


max (max edge)/(min edge) 10.63
(max edge)/(min edge)>10000 : 0

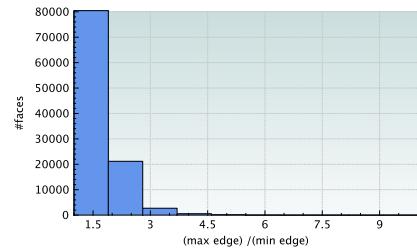
rgb-dragon



min angle 24.405°
max angle 655.188°
angles below 90.00° : 11

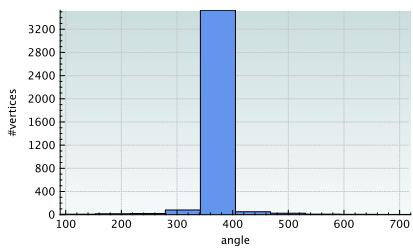


min relative lenght 0.0237
max relative lenght 4.2139

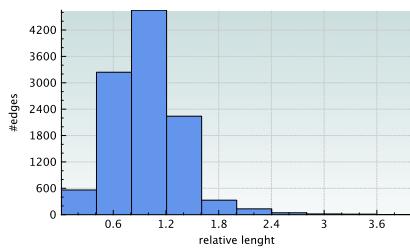


max (max edge)/(min edge) 21.96
(max edge)/(min edge)>10000 : 0

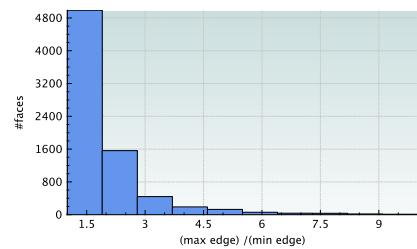
robocat-deci



min angle 37.080°
max angle 729.294°
angles below 90.00° : 7

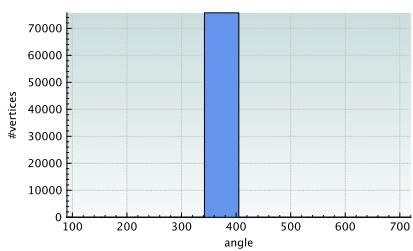


min relative lenght 0.0067
max relative lenght 13.2085

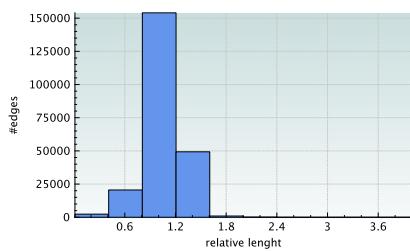


max (max edge)/(min edge) 92.37
(max edge)/(min edge)>10000 : 0

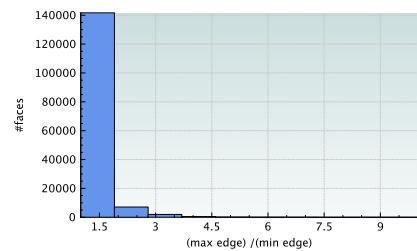
santa



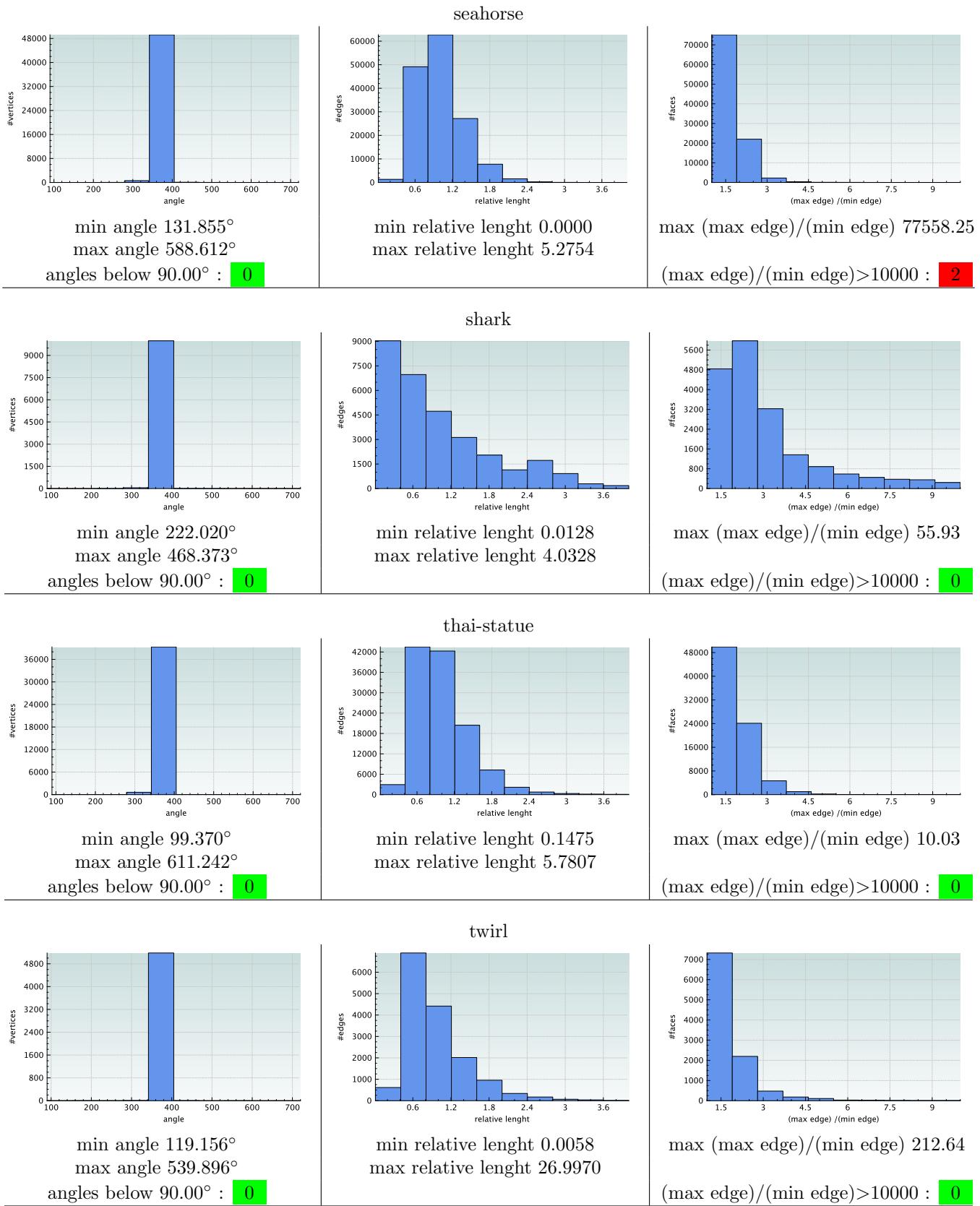
min angle 287.681°
max angle 393.248°
angles below 90.00° : 0

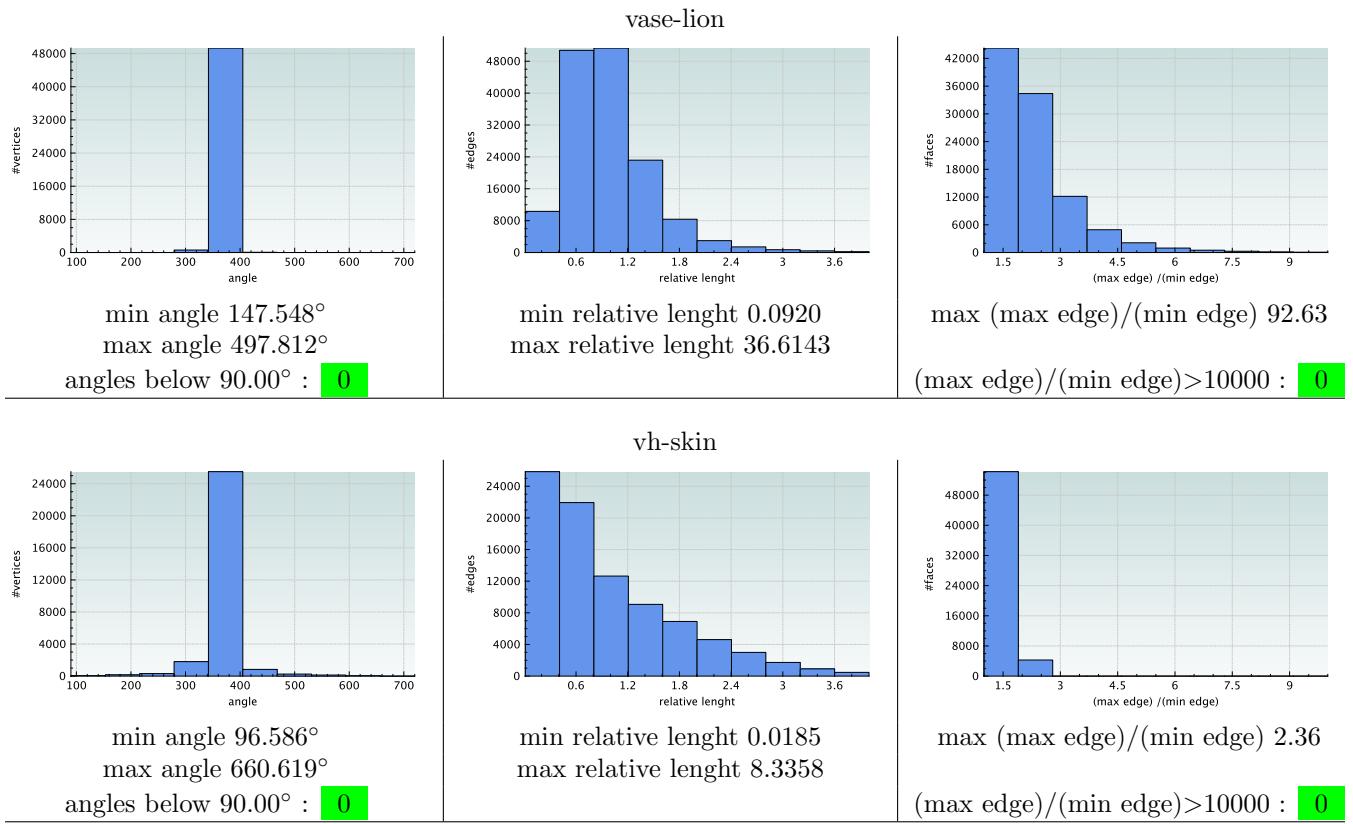


min relative lenght 0.0556
max relative lenght 2.7446



max (max edge)/(min edge) 22.29
(max edge)/(min edge)>10000 : 0





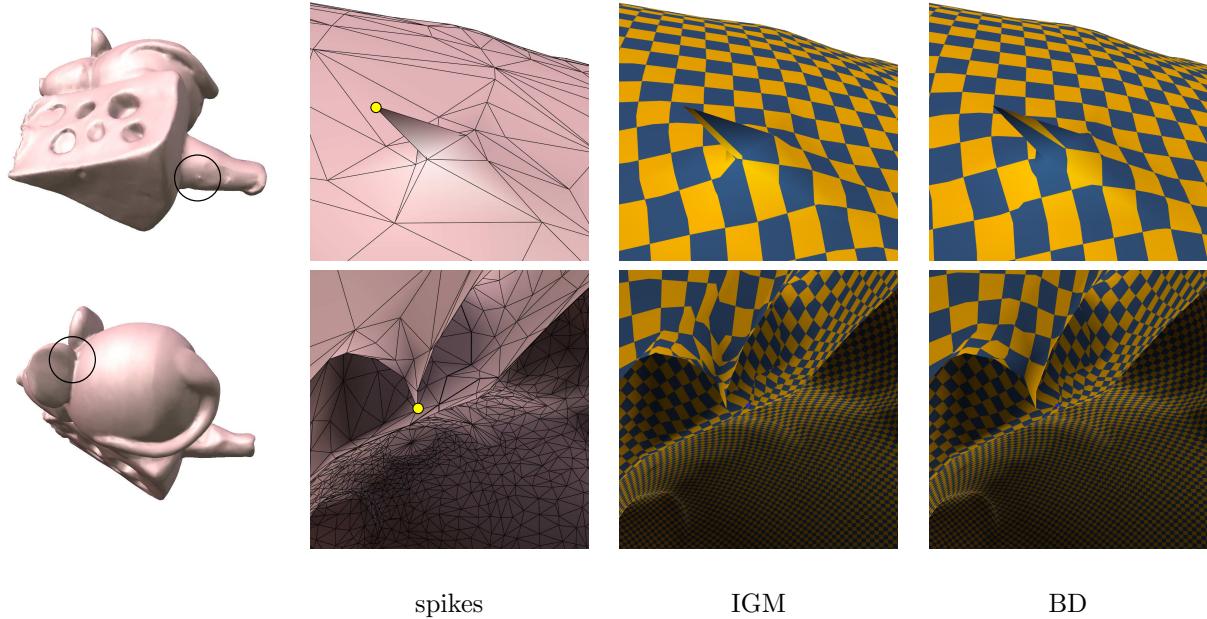


Figure 1: The mouse model have spikes, but both IGM or BD produce a parametrization with no foldovers.

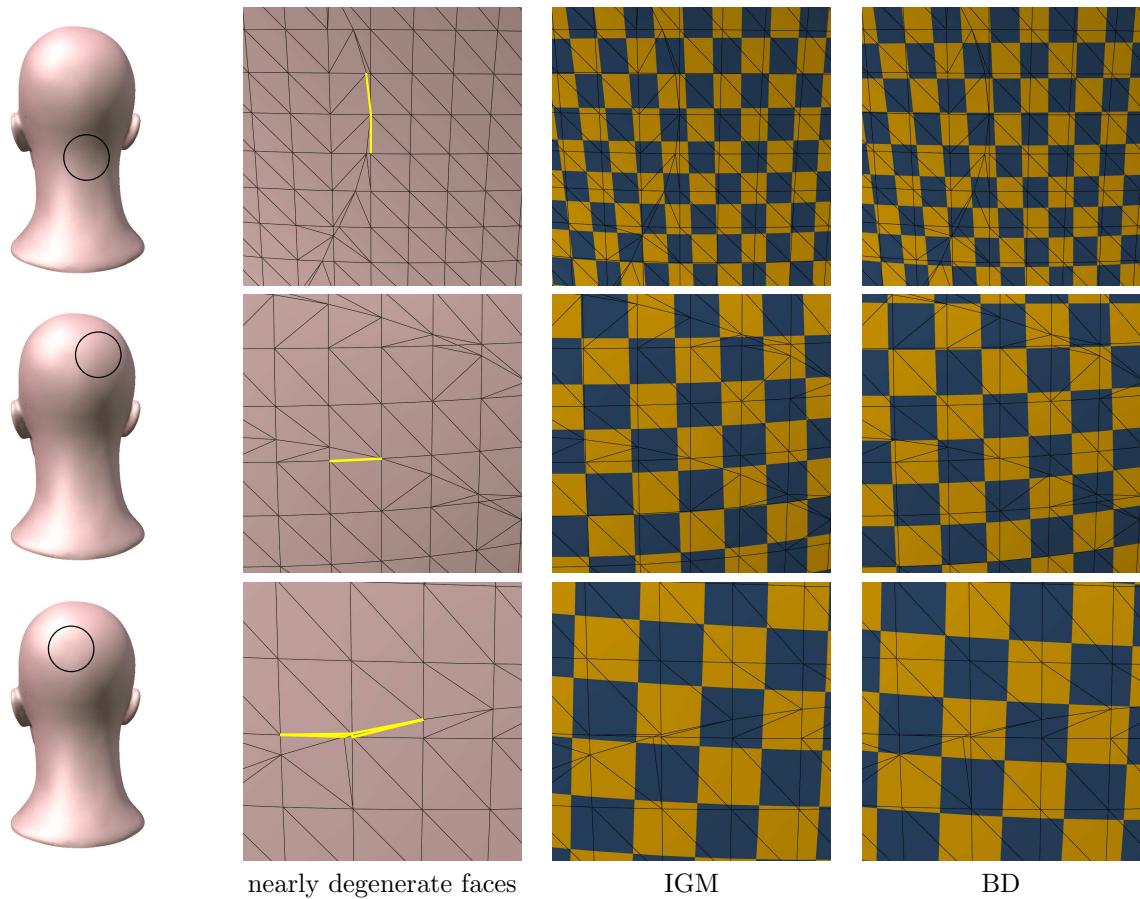


Figure 2: The mannequin-mc model have nearly-degenerate faces but both IGM or BD produces a parametrization with no foldovers.

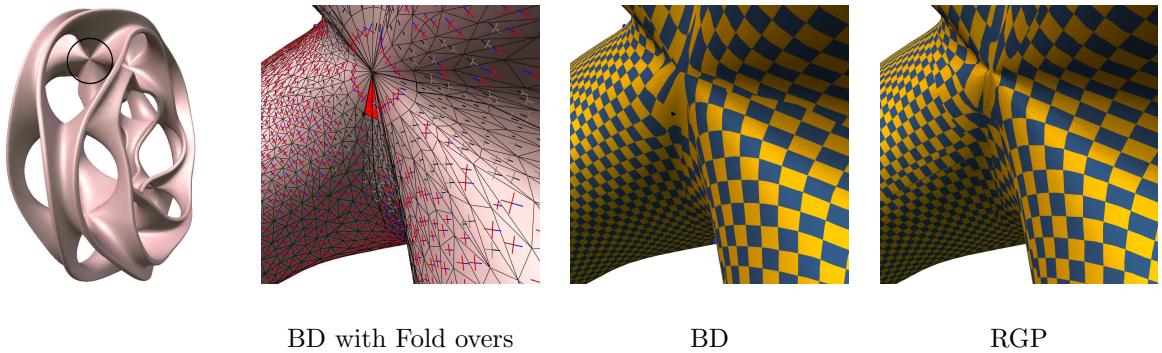


Figure 3: The heptoroid model have no nearly-degenerate faces or spikes but the parametrization produced by BD has fold overs. Our method produces a valid parametrization.

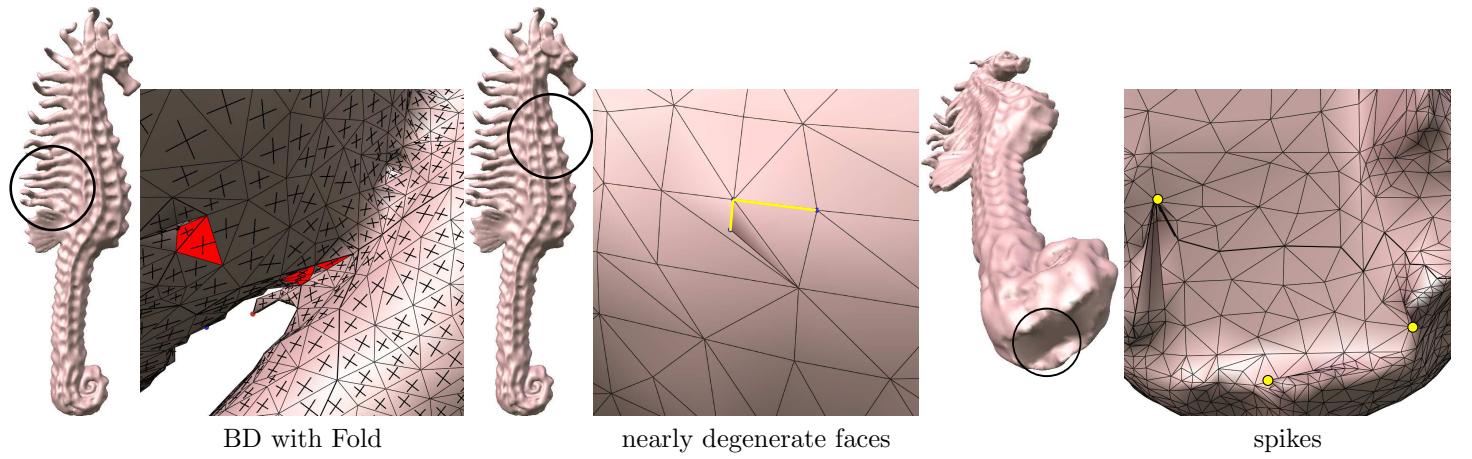


Figure 4: The seahorse model have spikes and nearly-degenerate faces but far away from foldovers.

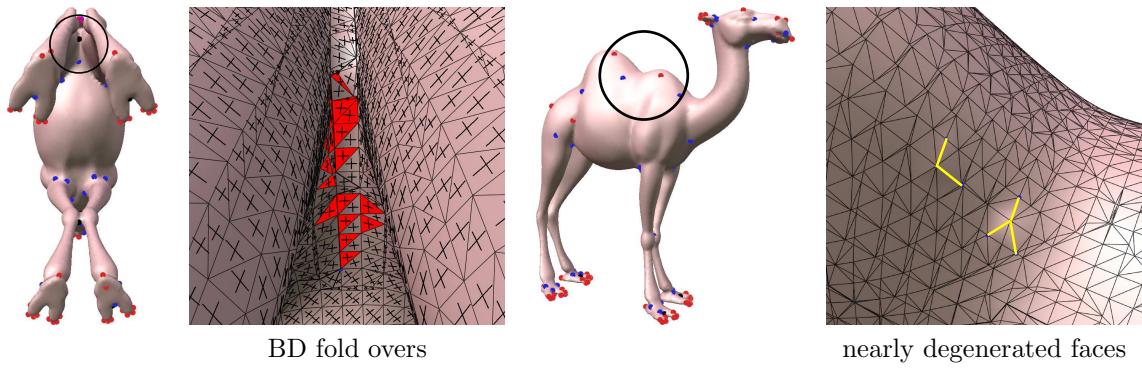


Figure 5: The camel model have nearly-degenerated faces, but far from foldovers generated by BD parametrization .

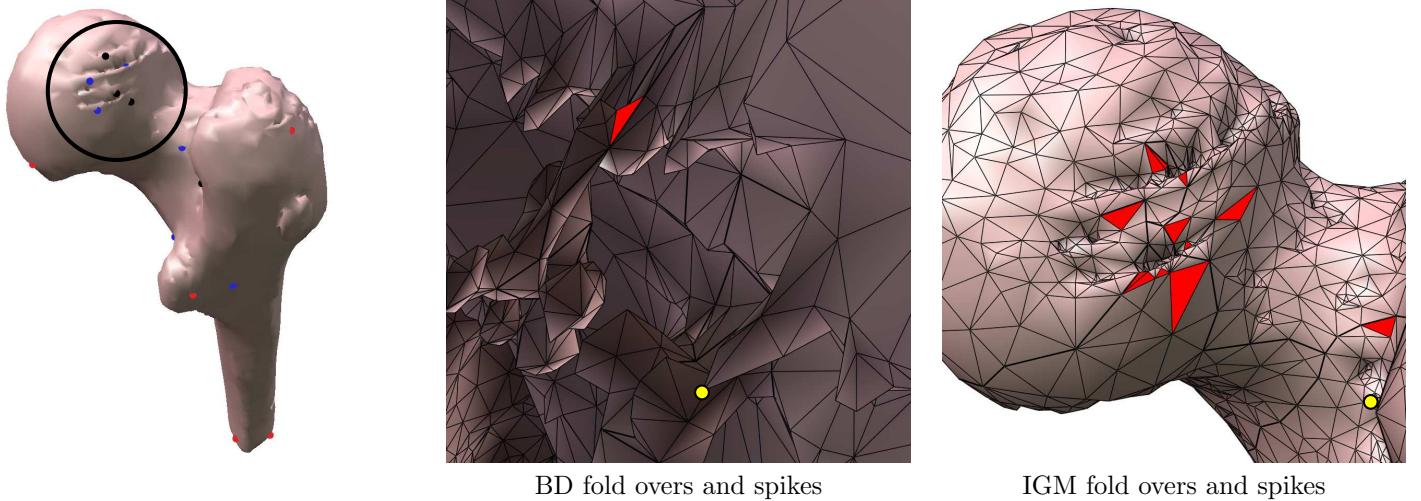


Figure 6: The femur model have spikes, but far from foldovers generated by BD or IGM parametrization .

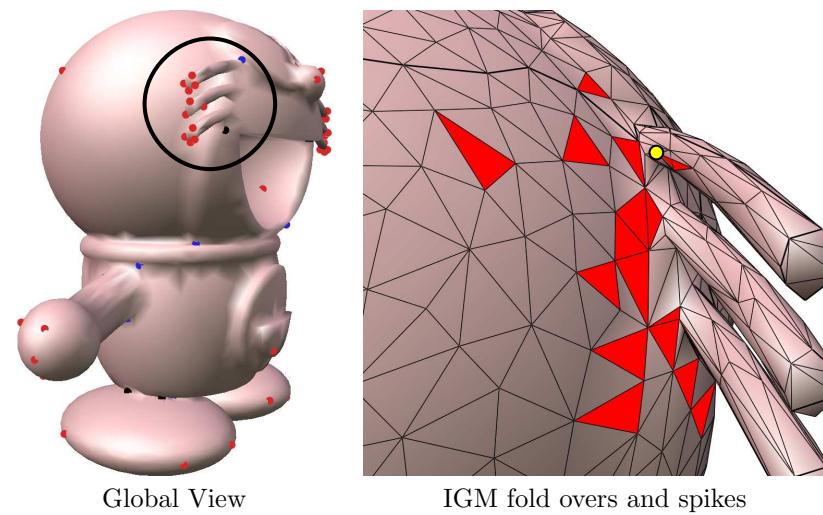


Figure 7: The robot model have spikes, but far from foldovers generated by IGM parametrization .

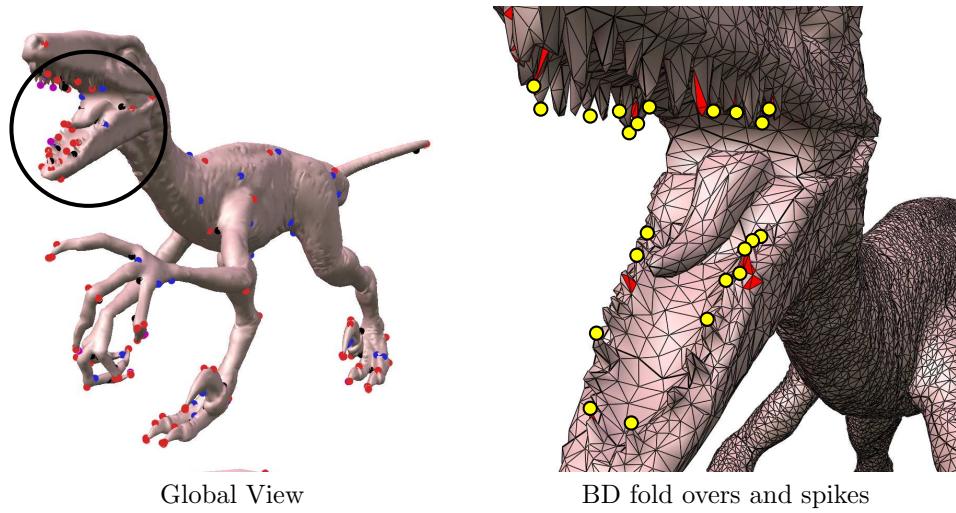
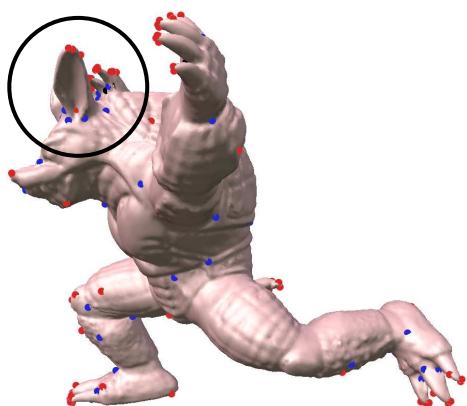
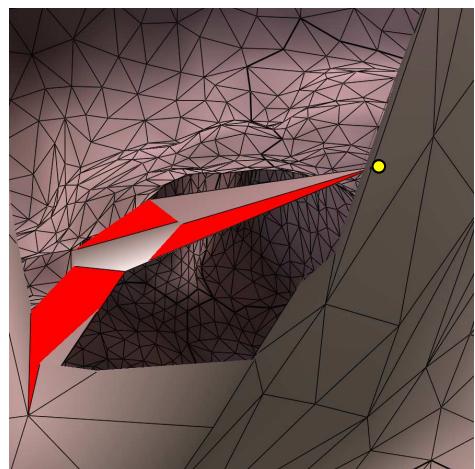


Figure 8: The raptor model have some spike close to foldovers generated by BD parametrization .



Global View



BD fold overs with spikes

Figure 9: The deformed armadillo have some spike close to foldovers generated by BD parametrization .