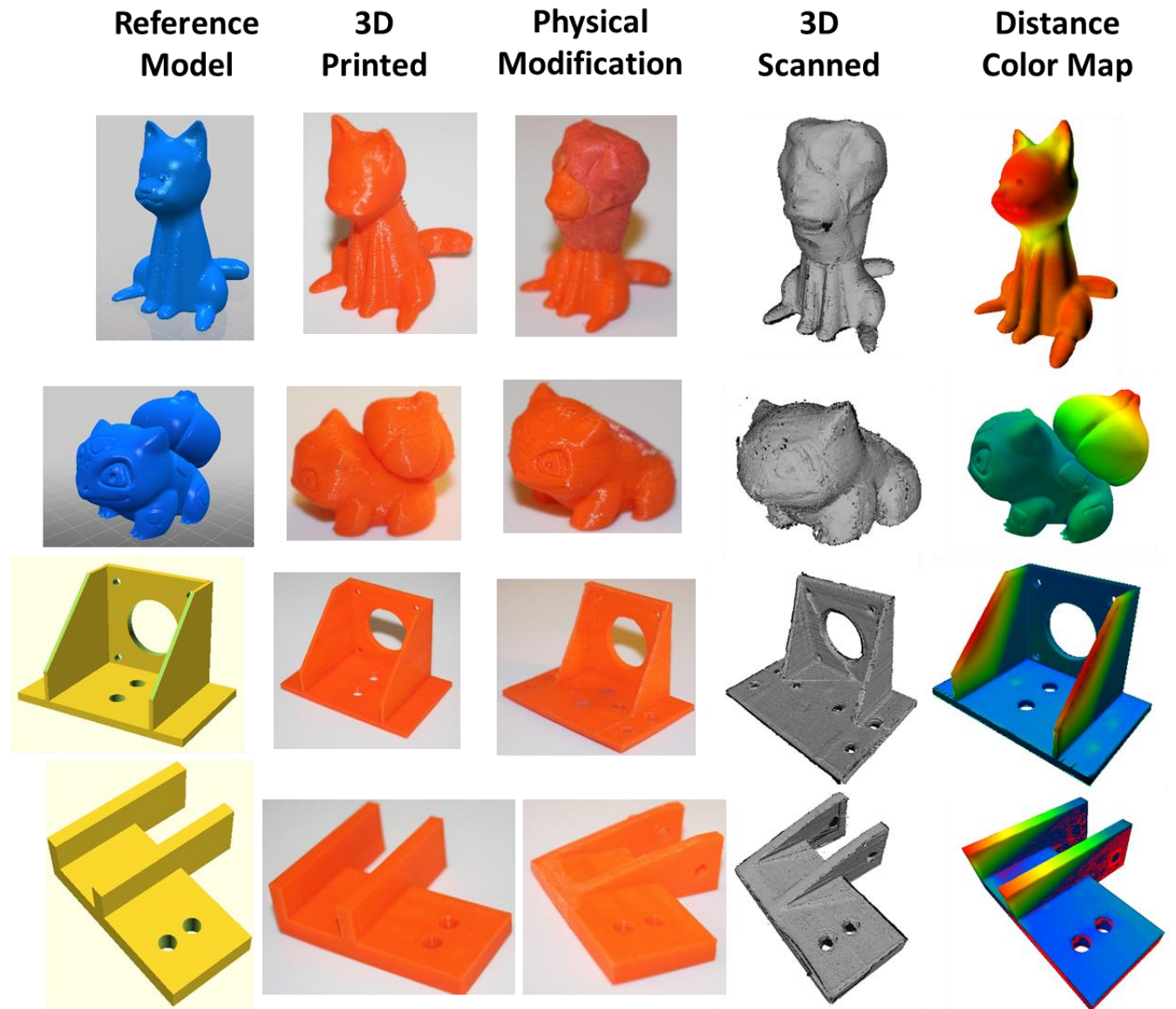
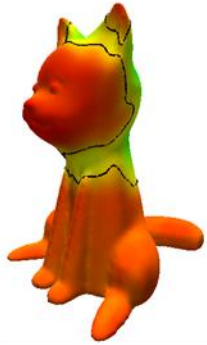


3D Printing Experiments:



**Boundary
Contours**



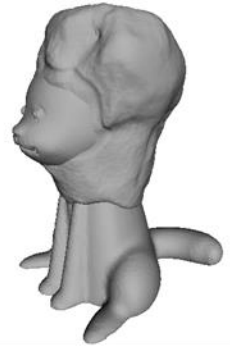
Segmentation



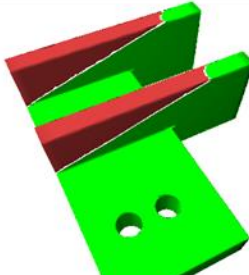
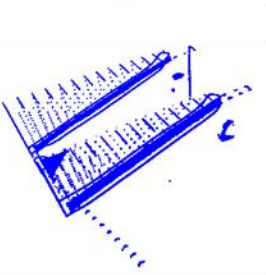
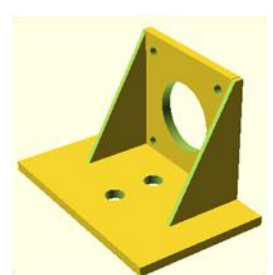
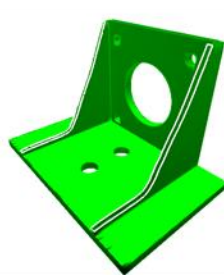
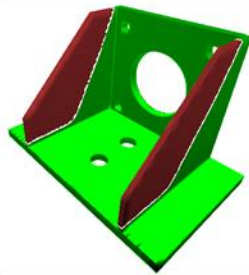
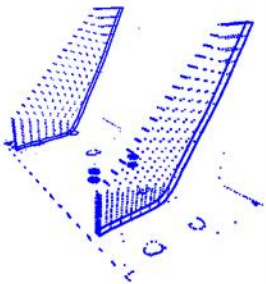
**Old Faces
Removed**



**Updated
Model**

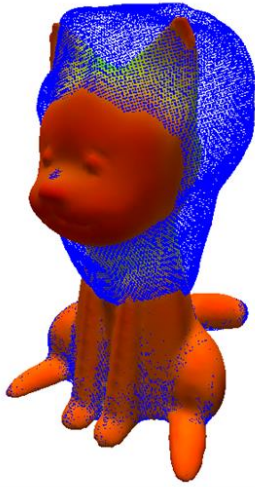


**Changed
Point Cloud**

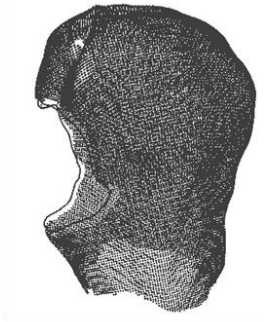


Reconstruction of the Changed Region:

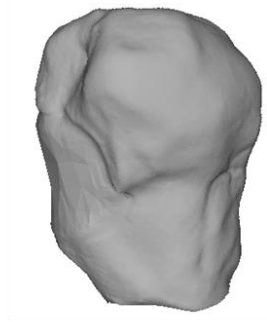
Models
Aligned



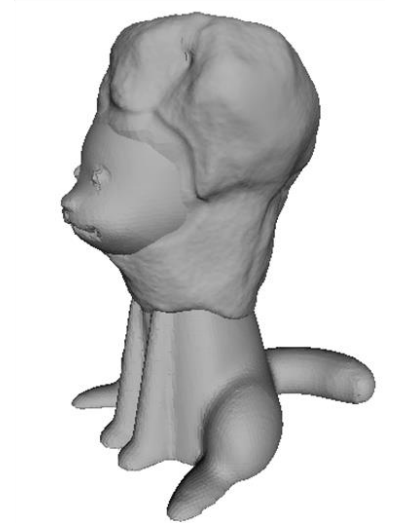
Changed Point
Cloud with
Boundaries



Reconstructed

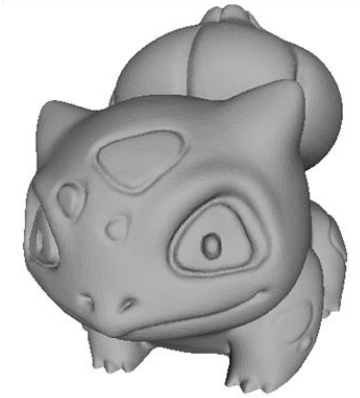


Cut and Merge



Error Sources in our Design Process:

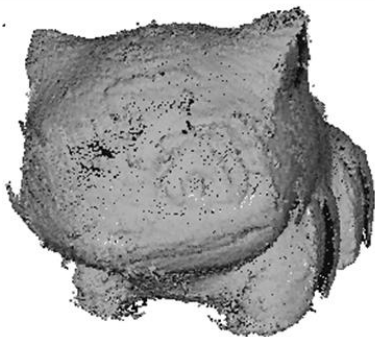
Reference Model



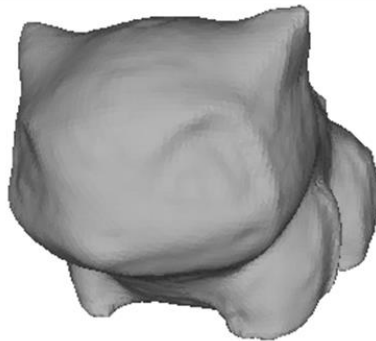
3D Printed



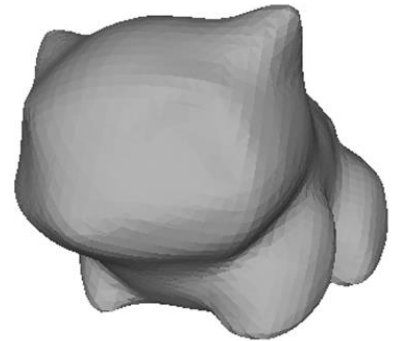
3D Scanned



Surface Reconstructed
Detailed



Surface Reconstructed
Default



3D carving in foam experiment iterations:

