

Sense Track Assist

Sometimes, 3D scanners need a little help when trying to scan objects that do not have a lot of geometric diversity, like cylinders or spheres. That's where the Sense Track Assist comes in! This is a special geometric pattern which, when printed and placed under an object, can provide extra information to the scanner to aide in tracking. Follow the instructions below to try it out!

INSTRUCTIONS

1. Print pages 2-4 of this document on a **color** printer
 - ✓ The pattern must be in color, not black & white
 - ✓ Turn off any scaling (e.g. Fit to Page) in print options; pages must be printed at actual size
 - ✓ OPTION 1: For objects smaller than 6", use **single-sheet** pattern
 - ✓ OPTION 2: For objects larger than 6", use **two-sheet** pattern (see Fig. 1)
2. Place the printed pattern on a flat surface, like a table top or the floor
 - ✓ It might be helpful to tape the pattern down
3. Place your object on the pattern, centering it as best as you can within the dashed circle
 - ✓ IMPORTANT: The object must not cover too much of the pattern; the camera should be able to see at least three of the four long red and blue edges at all times! The majority of the object should lie within dashed circle.
4. Start scanning, making sure object stays in place on pattern
5. Move camera around the object and pattern, making sure the pattern stays in view the whole time
 - ✓ OPTIONAL: It is possible to leave the camera stationary and rotate the paper by hand (like a turntable), as long as your hand stays near the edges of the paper so as not to be visible to camera
6. If tracking gets lost, go back to a previously scanned area and hold still for a few seconds; if tracking does not resume, then start over

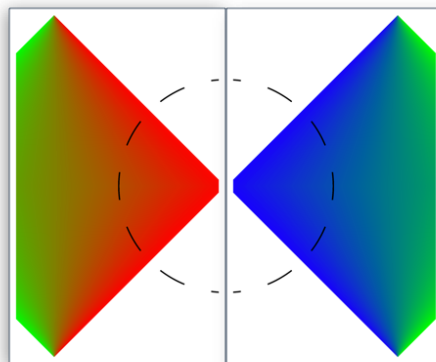
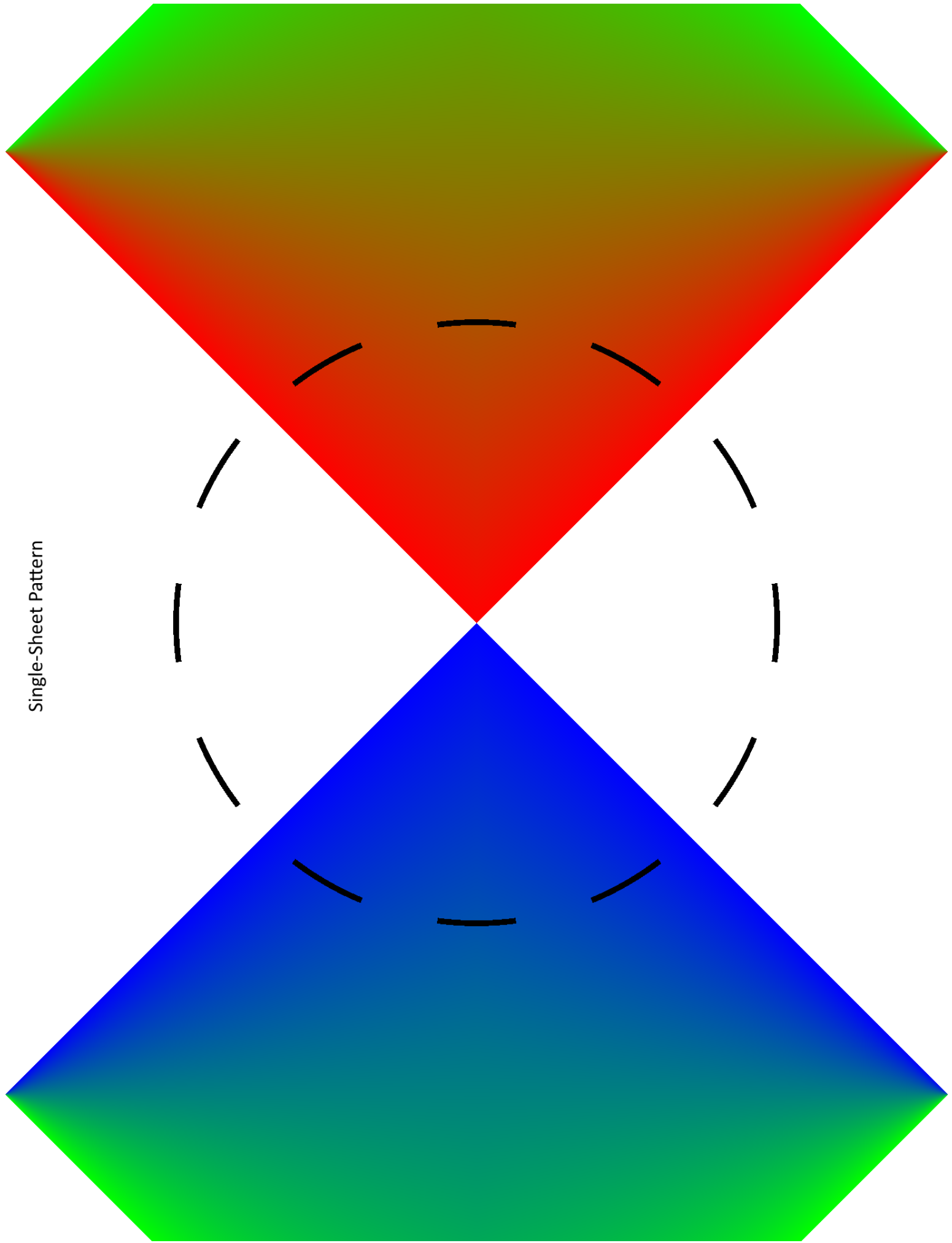
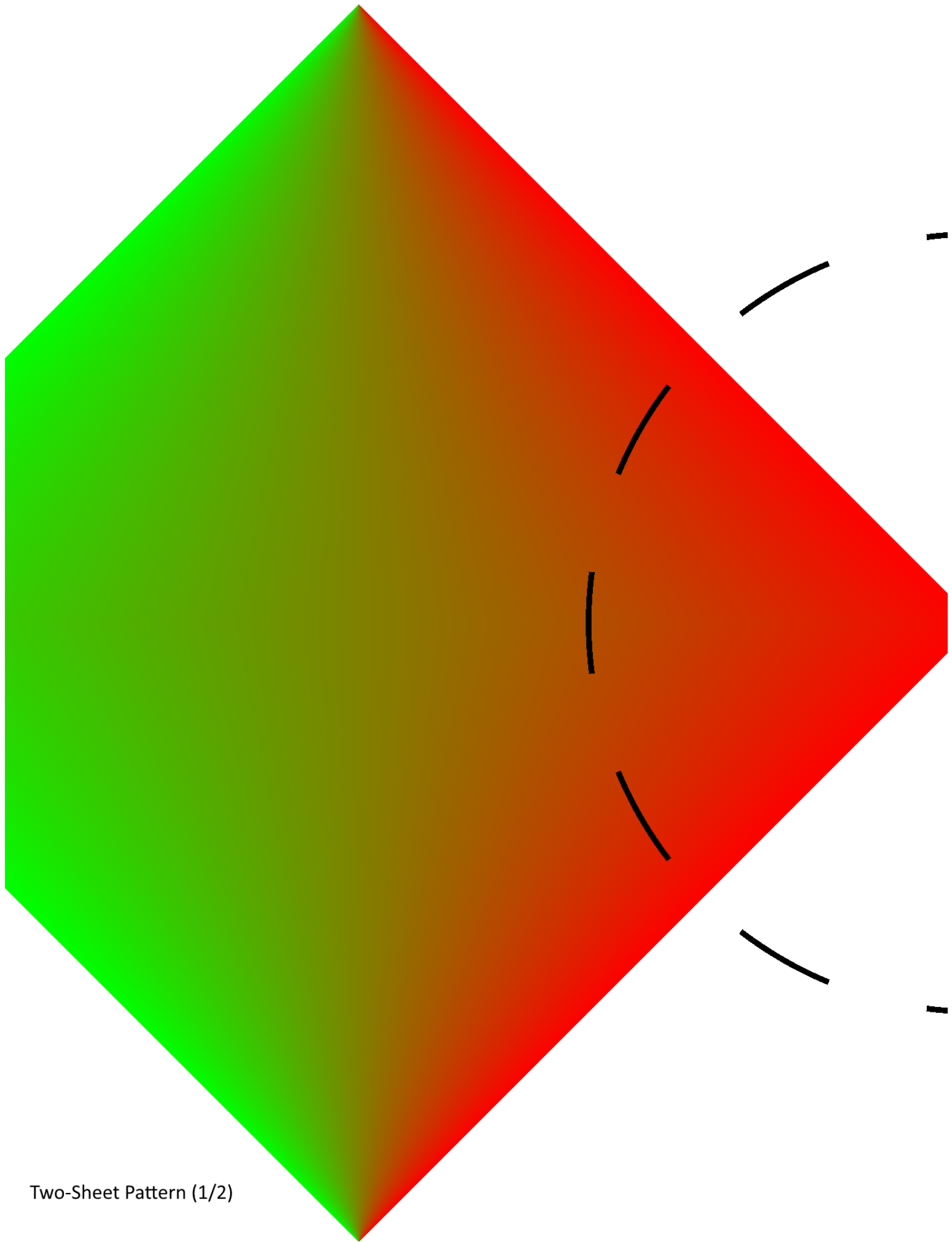


Fig. 1 - Two-sheet pattern setup; place sheets so that long edges touch; do not overlap or leave gap



Single-Sheet Pattern



Two-Sheet Pattern (1/2)

