

12.6.2 "Graphical" RT Example 2

This example consists of a 5-sided box with a partially opened door (60 degrees) and a floating surface (Emitter), which is located at the center of the open section of the box with a 45-degree tilt. The ray emissions from the floating surface are marked by the arrows. The ray interception "points" and the "paths" are shown in Figure 12-7 below.

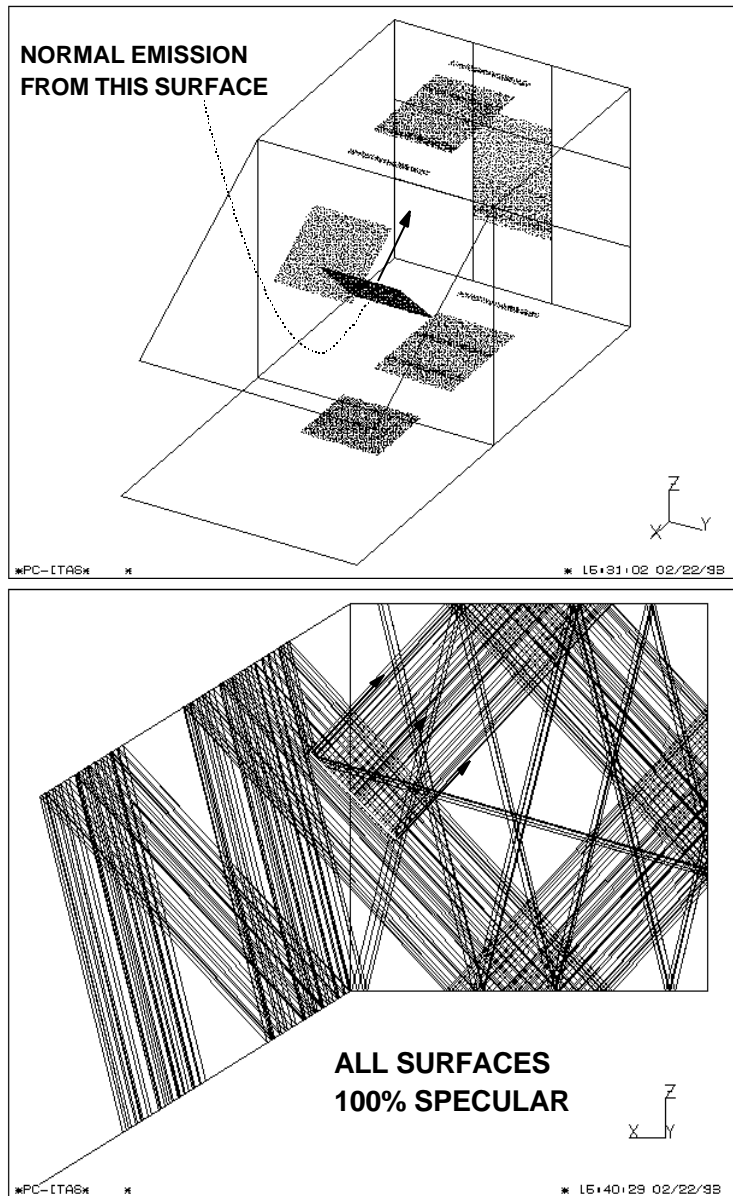


Figure 12-7. "Graphical" RT Example 2

12.6.3 "Graphical" RT Example 3

This is "Graphical Orbital Ray Tracing" example which shows the direction of the SUN rays as they are being impinged into and reflected from the "SPECULAR" surfaces. Only 50 rays/per surfaces are shown for clarity and demonstration purposes. Figure 12-8 shows different views for the same model.

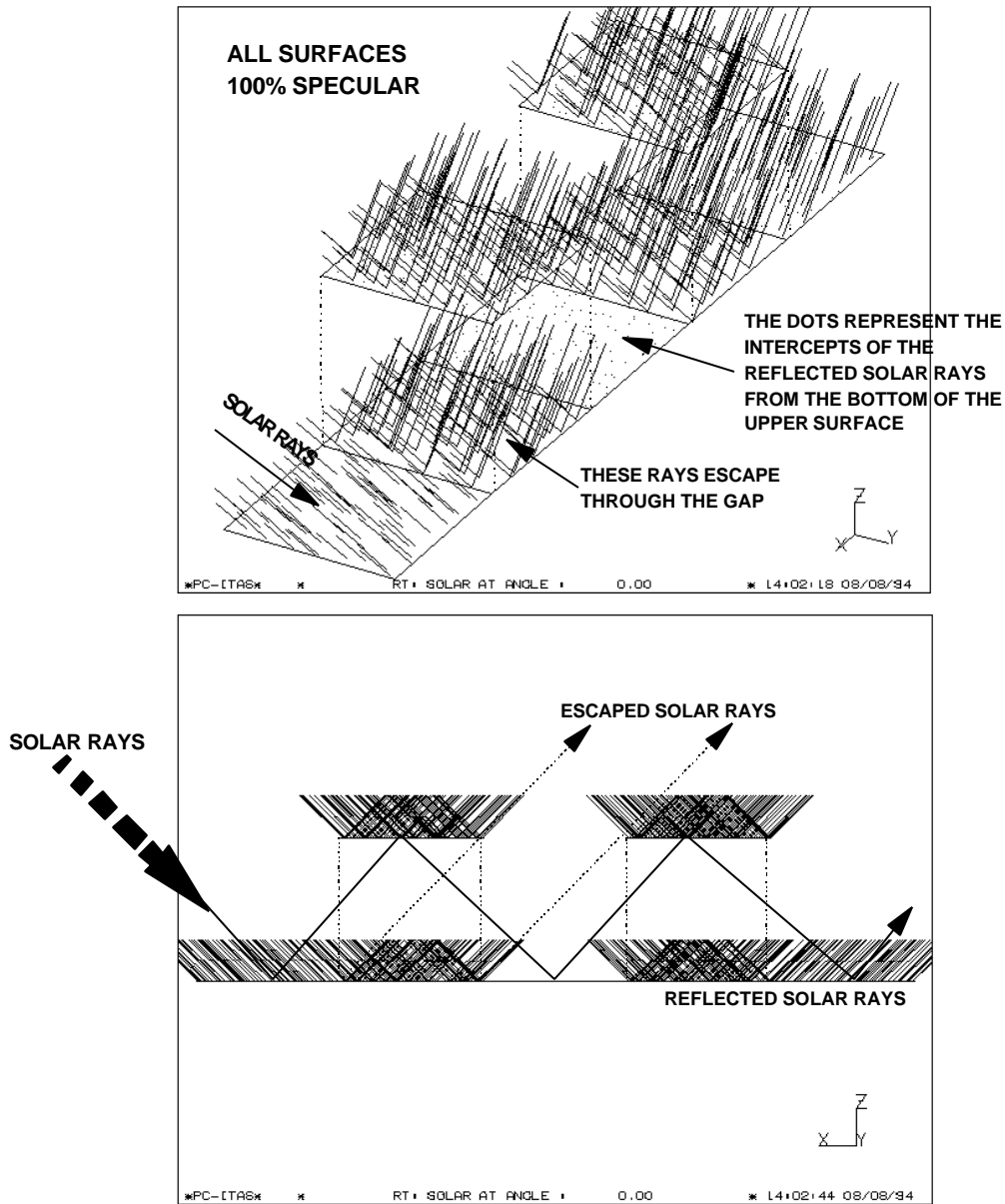


Figure 12-8. "Graphical" RT Example 3

12.6.1 "Graphical" RT Example 1

Normal emissions from the 12 triangular surfaces (500 rays/surface) were assumed. The blocker surface was assumed "BLACK (no reflections)" and "100% SPECULAR (full reflection)" effects.

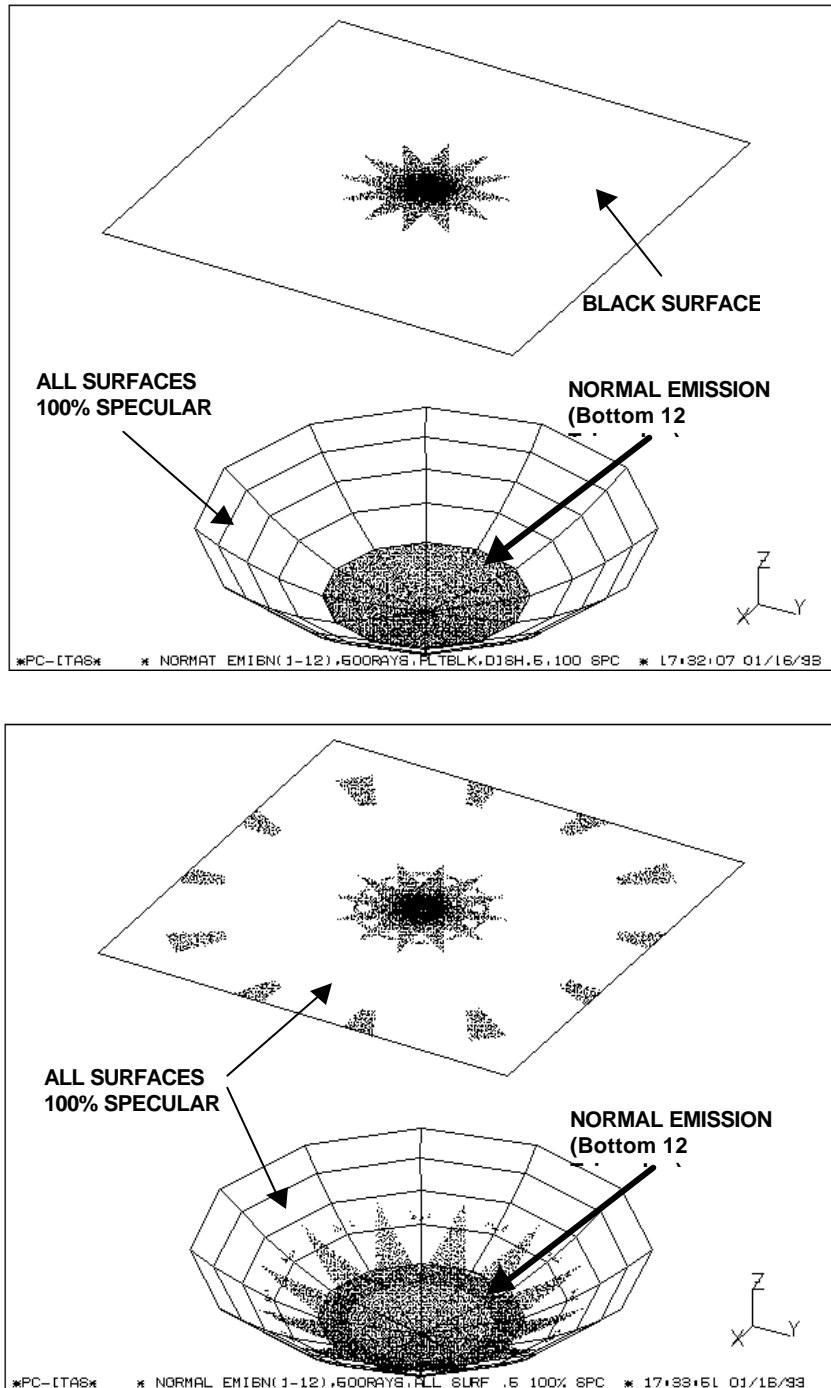


Figure 12-6. "Graphical" RT Example 1