

Figure 1 is a scatter plot showing the E-W Direction [AU] versus the Sun-Earth Direction [AU]. The plot displays the positions of 100 stars, categorized by color (green, yellow, red) and size (circles of varying diameters). The Sun is at the origin (0,0). The Earth is at (1,0). The plot includes concentric dashed circles representing distances from the Sun and a solid arc representing the Earth's orbit. The axes are labeled 'Sun' at the origin and 'Earth' at (1,0). The y-axis is labeled 'E-W Direction [AU]' and the x-axis is labeled 'Sun-Earth Direction [AU]'. The plot shows a distribution of stars, with a higher density of stars closer to the Sun and Earth.

Figure 1 is a scatter plot showing the N-S Direction [AU] versus the Sun-Earth Direction [AU]. The plot includes concentric dashed circles representing distances from the Sun (0.25, 0.50, 0.75, 1.00 AU) and a solid arc representing the Earth's orbit (1.00 AU). Data points are labeled with object names and coordinates, such as 10328+32, 1206+439, and 1633+036. A red dot marks the Earth's position at (1.00, 0.00).