

Figure 1 is a circular plot showing the spatial distribution of 100 comets in the E-W plane. The plot is centered at the origin (0,0) and has a radius of 1.0 AU. The horizontal axis is labeled "E-W Direction [AU]" and ranges from -1.00 to 1.00. The vertical axis is labeled "N-S Direction [AU]" and ranges from -1.00 to 1.00. The plot is divided into four quadrants by the E-W and N-S axes. The quadrants are labeled N, S, E, and W. The plot shows the distribution of 100 comets, categorized by their geocentric distance (g) at discovery. The categories are: $g > 2$ (red circles), $1.5 < g < 2$ (yellow circles), $1.2 < g < 1.5$ (green circles), and $g < 1.2$ (white circles). The comets are labeled with their names and discovery dates. The plot shows that comets with larger geocentric distances ($g > 2$) are more concentrated in the central region, while comets with smaller geocentric distances ($g < 1.2$) are more spread out. The distribution is also more concentrated in the E-W plane than in the N-S plane.

[illegible]

The figure is a scatter plot titled "N-S Direction [AU]" vs "Sun-Earth Direction [AU]". The y-axis ranges from -1.00 to 1.00 AU, and the x-axis ranges from 0.0 to 1.0 AU. A vertical line at x=0 is labeled "Sun" at the top and "S" at the bottom. A horizontal line at y=0 is labeled "Earth" at the right end. Concentric dashed circles are centered at (0,0) with radii of approximately 0.25, 0.5, 0.75, and 1.0 AU. A solid black arc represents Earth's orbit, starting at (0,1) and ending at (1,0). Numerous points are plotted, many labeled with codes such as C263.1, C236, C216, C298, C196, C318, C273, C279, C208, C222, C230, C241, C275, C283, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C333, C334, C335, C336, C337, C338, C339, C340, C341, C342, C343, C344, C345, C346, C347, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C373, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C386, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C468, C469, C470, C471, C472, C473, C474, C475, C476, C477, C478, C479, C480, C481, C482, C483, C484, C485, C486, C487, C488, C489, C490, C491, C492, C493, C494, C495, C496, C497, C498, C499, C500. Some points are also labeled with names like "Sun" and "Earth".