LEAH BERMAN, Ursinus College, Department of Mathematics & Computer Science, PO Box 1000, Collegeville, PA 19426, USA Odd Astral Configurations

An astral configuration (p_q, n_k) is a collection of p points and n straight lines, usually in the Euclidean plane, where every point is incident with q straight lines, every line is incident with k points, and there are precisely $\lfloor \frac{q+1}{2} \rfloor$ symmetry classes (transitivity classes) of lines and $\lfloor \frac{k+1}{2} \rfloor$ symmetry classes of points. An *odd* astral configuration is an astral configuration where at least one of q and k is odd. This talk will discuss current known results about the existence of odd astral configurations where q and k are at least 4.