TED BISZTRICZKY, University of Calgary
A COMBINATORIAL CONSTRUCTION OF BI-CYCLIC 4-POLYTOPES
Let $B(p, q, n)$ denote the convex hull of $n$ evenly spaced points on the generalized trigonometric moment curve $(\cos (p t), \sin (p t), \cos (q t), \sin (q t))$ ranging between 0 and $2 \pi$, and $p$ and $q$ relatively prime positive integers. If $n=p q$ and $p=q-3$ then there are purely geometrical conditions that yield the face lattice of $B(p, q, n)$.

