
CLEMENT LAM, Concordia University

A computer search for Projective Hjelmslev Planes of order 9

A projective Hjelmslev plane of order 9 is a symmetric group divisible design $GDD(9, 13, 12; 3, 1)$ whose dual is also a $GDD(9, 13, 12; 3, 1)$. Several examples are known. This talk reports some ongoing work of a computer search to find more.