

1077-05-1981 **Eric M Nelson*** (nelson@math.colostate.edu). *Transitive BLT-sets*. Preliminary report.

As BLT-sets arose from derivation of flocks their connections are just as plentiful. Through flocks, they are related to projective planes (via Thas-Walker and hyperbolic vibrations), generalized quadrangles, fibrations, as well as most recently, hemisystems and cometric 4-class association schemes. These connections as well as progress towards computing the group of the Mondello BLT-sets (the last known infinite family with unknown group) will be presented. (Received September 21, 2011)