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Marcus J Slupinski and **Robert J Stanton*** (stanton.2@osu.edu). *Duality of geometries on flag manifolds associated to maximal parabolic subgroups in split G_2* . Preliminary report.

The real split linear Lie group G_2 has two flag manifolds associated to non-conjugate maximal parabolic subgroups. Each of them has an interesting geometric structure which will be recalled. By means of a natural incidence relation and a thorough analysis of cross products in seven dimensions we shall identify an explicit geometric correspondence between these geometric structures. (Received September 20, 2016)