The proper subplanes of VW_{121} and $Hughes_{121}$

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(joint work with Spyros Magliveras)

We determine orbit representatives of all proper subplanes of the Veblen-Wedderburn(VW) plane of order 11^2 and Hughes plane of order 11^2 under their full collineation groups. This work was motivated by the well known question: "Does there exist a non-desarguesian projective plane of prime order p?". The question remains unsettled.

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