1116-05-1400   **Michael W Raney*** (`mwr23@georgetown.edu`), Department of Mathematics and Statistics, Georgetown University, Washington, DC 20057. *Trilateral matroids induced by n_3-configurations.* Preliminary report.

We define a new class of a rank-3 matroid called a trilateral matroid. The ground set of such a matroid consists of the points of an n_3-configuration, and the bases of the matroid are the point triples corresponding to non-trilaterals within the configuration. We classify which n_3-configurations induce trilateral matroids, and provide several examples of those that do. (Received September 19, 2015)

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