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**Daniela Kühn, Deryk Osthus, Timothy Townsend and Yi Zhao\*** (yzhao6@gsu.edu). *On the structure of oriented graphs and digraphs with forbidden tournaments or cycles.*

Motivated by his work on the classification of countable homogeneous oriented graphs, Cherlin asked about the typical structure of oriented graphs (i) without a transitive triangle, or (ii) without an oriented triangle. We give an answer to these questions (which is not quite the predicted one). Our approach is based on the recent ‘hypergraph containers’ method, developed independently by Saxton and Thomason as well as by Balogh, Morris and Samotij. Moreover, our results generalize to forbidden transitive tournaments and forbidden oriented cycles of any order, and also apply to digraphs. Along the way we prove several stability results for extremal digraph problems, which we believe are of independent interest. (Received July 22, 2014)