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Varieties of profinite graphs.

We consider pro-C graphs for certain categories of finite graphs which we call pseudovarieties. After exploring some of the general theory, we specialize to a particular pseudovariety, denoted by E, that arises naturally in constructing end point compactifications of connected abstract graphs. Pro-E graphs and their fundamental profinite groups are shown to have structure analogous to abstract graphs in some ways. (Received September 25, 2018)