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Peter Nelson and **Jorn van der Pol*** (jornvanderpol@gmail.com). *Enumeration of biased graphs.*

A biased graph is a graph G together with a distinguished subset \mathcal{B} of its cycles with the property that no theta-subgraph of G contains precisely two cycles in \mathcal{B} . A large number of biased graphs can be constructed by taking $G = K_n$, and \mathcal{B} an arbitrary subset of the Hamilton cycles of G . We show that, at least on the logarithmic scale, the total number of simple biased graphs on n vertices is not asymptotically larger than that of the biased graphs that can be constructed in this elementary way, and consider a number of related questions. (Received August 19, 2019)