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David Hemminger* (david.hemminger@duke.edu), **Aaron Landesman** (aaronlandesman@gmail.com) and **Zijian Yao** (zijian_yao@brown.edu). *Peckness of Edge Posets*. Preliminary report.

For P a graded poset we define a new graded poset, called its edge poset $\mathcal{E}(P)$, whose elements are the edges in the Hasse diagram of P . We then consider the structure of $\mathcal{E}(P)$. In particular, we conjecture that $\mathcal{E}(B_n/G)$ is Peck for any group G acting on the boolean algebra B_n , and we define a large class of “common cover transitive” group actions for which we answer this conjecture in the affirmative. (Received September 15, 2014)