1067-05-2387 Guven Yuceturk* (yucetgu@auburn.edu), 221 Parker Hall, Auburn University, Auburn, AL 36849, and Hoffman G. Dean (hoffmdg@auburn.edu), 133C Allison Lab, Auburn University, Auburn, AL 36849. Gregarious Path Decompositions of Some Graphs.
Let $G$ be a simple graph and $f(v)$ a positive integer for each vertex $v$ of $G$. Form $G^{f}$ by replacing each $v$ by a set $F(v)$ of $f(v)$ vertices, and each edge $u v$ by complete bipartite graph on bipartition $(F(u), F(v))$. Can we partition $G^{f}$ into paths of length 2 which are gregarious, that is, meet three different $F(u)$ 's?

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