

**Pancyclicity when each cycle must pass
exactly k Hamilton cycle chords**

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We observe that $\Omega(\log n)$ chords must be added to an n -cycle to produce a pancyclic graph; we ask how much this must be increased in order that, given k , $3 \leq k \leq n$, there exists a cycle of each length $\geq k$ which passes exactly k chords. We find that, for fixed k , the bound becomes $\Omega(n^{1/k})$.