

ERRATUM

Correction to

GRAPHS WHOSE SQUARES ARE CHORDAL

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The statement of the theorem should read as : If G has no induced subgraph isomorphic to $K_{1,3}$ or cycle $C_n (n \geq 6)$ or $P_5 + a$, where P_5 is a path on five points and a is the edge that joins the two non-adjacent internal vertices of P_5 , then G^2 is chordal.

The additional hypothesis introduced takes care of the case when u_i is adjacent to u_{i+1} or u_{i-1} in the proof of the theorem.

Replace the counter example in the remark by the wheel W_7 with a pendant edge attached to each of any two consecutive vertices of the rim of the wheel.

In consonance with the change in the statement of the theorem, the Corollary should read as : If G is chordal and free from $K_{1,3}$ and $P_5 + a$ as induced subgraphs, then G^2 is chordal.