It easy to see that Corollary 17 is also true for P_4-reducible graphs. In fact, a P_4-reducible graph is a P_4-sparse graph with $|S| = |Q| = 2$ (see Theorems 14 and 15).

Corollary 18 *A connected extended P_4-sparse graph is K-convergent if and only if the Helly-defect of G is at most 1.*

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References

[1] Bandelt, H.-J.; Prisner, E., *Clique graphs and Helly graphs*, J. Combinatorial Theory Ser B 51 (1991), 34–45.

[2] Bornstein, C. F.; Szwarcfiter, J. L., *On clique convergent graphs*, Graphs and Combin. 11 (1995), 213–220.

[3] Chen, B.-L.; Lih, K.-W., *Diameters of iterated clique graphs of chordal graphs*, J. Graph Theory 14 (1990), 391–396.

[4] Escalante, F., *Über iterierte clique-graphen*, Abh. Math. Sem. Univ. Hamburg 39 (1973), 59–68.

[5] Giakoumakis, V.; Vanherpe, J.-M., *On extended P_4-reducible and extended P_4-sparse graphs*, Theoretical Computer Science, 180 (1997), 269–286.

[6] Hamelink, R., *A partial characterization of clique graphs*, J. Combin. Theory **5** (1968), 192–197.

[7] Hoang, C., *Doctoral Dissertation*, McGill University, Montreal, Quebec (1985).

[8] Jamison, B.; Olariu, S., *P_4-reducible graphs, a class of uniquely tree representable graphs*, Stud. Appl. Math., 81 (1989), 79–87.

[9] Jamison, B.; Olariu, S., *A tree representation for P_4-sparse graphs*, Discrete Applied Mathematics, 35 (1992), 115–129.

[10] Larrión, F.; de Mello, C. P.; Morgana, A.; Neumann-Lara, V.; Pizaña, M., *The clique operator on cographs and serial graphs*, Relatório Técnico, IC-12-10, UNICAMP, (2001).

[11] Larrión, F.; Neumann-Lara, V., *Clique divergent graphs with unbounded sequence of diameters*, Discrete Math. 197-198 (1999), 491-501.

[12] Larrión, F.; Neumann-Lara, V., *Locally C_6 graphs are clique divergent*, Discrete Math. 215 (2000), 159-170.

[13] Larrión, F.; Neumann-Lara, V., *On clique divergent graphs with linear growth*, Discrete Math. 245 (2001), 139-153.

[14] Larrión, F.; Neumann-Lara, V.; Pizaña, M., *Whitney triangulations, local girth and iterated clique graphs*, Discrete Math. 258 (2002), 123–135.

[15] McConnell, R. M.; Spinrad, J. P., *Linear-time modular decomposition and efficient transitive orientation of comparability graphs*, In: Proceedings of the Fifth Annual ACM-SIAM Symposium on Discrete Algorithms, (1994), 536–545.

[16] Neumann-Lara, V., *On clique-divergent graphs*, In: Problèmes Combinatoires et Théorie des Graphes (Colloques internationaux C.N.R.S, 260 (1978), 313–315.

[17] Neumann-Lara, V., *Clique-divergence in graphs*, In: Algebraic Methods in Graph Theory, Szeged (Húngary), 1978. (Coll. Math. Soc. Janos Bolyai, 25) North Holland, Amsterdam (1981), 563–569.

[18] Neumann-Lara, V., *Theory of clique expansive graphs*, In preparation.

[19] Pizaña, M. A., *The icosahedron is clique divergent*, To appear in Discrete Mathematics.

[20] Prisner, E., *Convergence of iterated clique graphs*, *Discrete Math.* 103 (1992), 199–207.

[21] Prisner, E., *Hereditary Helly graphs*, J. Combin. Math. Combin. Comput. 14 (1993), 216–220.

[22] Prisner, E., *Graph Dynamics*, Pitman Reaserch Notes in Mathematics 338, Longman, (1995).

[23] Szwarcfiter, J. L., *Recognizing clique-Helly graphs*, Ars Combinatoria 45 (1997), 29–32.

[24] Szwarcfiter, J. L., *A Survey on Clique Graphs*, In: Recent Advances in Algorithms and Combinatorics, C. Linhares and B. Reed, eds., Springer-Verlag. To appear.

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