A note to correct an error in

Amitabha Ghosh, Ozlem Durmaz Incel, V. S. Anil Kumar, and Bhaskar Krishnamachari, " Multi-Channel Scheduling and Spanning Trees: Throughput-Delay Trade-off for Fast Data Collection in Sensor Networks", "IEEE/ACM Transactions on Networking, vol. 19, no. 6, pp. 1731–1744, Dec 2011.

In Fig 4a, if node 2 and node 10 transmit to their corresponding receivers (s and 4), then there is a secondary conflict at node 4. Likewise, if nodes 2 and 11 transmit to their receivers (s and 5), then there is a secondary conflict at node 5. So, there should be additional edges connecting nodes 4 and s, as well as nodes 5 and s in Fig 4b.

There is a conflict in Fig 4c because of this error: Since both nodes 11 and 2 transmit at time slot 2 and frequency f3 to their corresponding receivers (5 and s), they conflict at node 5.

Once we add the two new edges, node 5 should be assigned frequency f4. The time slot assignment don't have to change.

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