Erratum: Optimal Structure Identification With Greedy Search

David Maxwell Chickering

DMAX@MICROSOFT.COM

Microsoft Research One Microsoft Way Redmond, WA 98052

Editor: Craig Boutilier

There is an error in the description of the Dor and Tarsi (1992) algorithm, which is given as follows on Page 552:

We then repeat the following procedure: First, select a node X in \mathcal{P} such that (1) X has no out-going edges and (2) if \mathbf{N}_X is non-empty, then $\mathbf{N}_X \cup \mathbf{Pa}_X$ is a clique.

The second condition above should instead be

(2) if \mathbf{N}_X is non-empty, then \mathbf{N}_X is a clique and every node in \mathbf{N}_X is adjacent to every node in \mathbf{Pa}_X .

Acknowledgments

I would like to thank Carlos Cotta for identifying this error.