

A4110

RICHARD J. MATHAR

ABSTRACT. [A4110](#) counts the unlabeled graphs on n nodes with no nodes of degree 1. [A261919](#) counts the unlabeled graphs on n nodes with no nodes of degree < 2 .

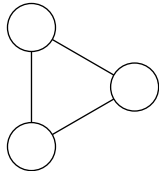
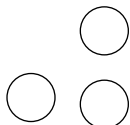
1 graph on 1 node.



1 graph on 2 nodes.

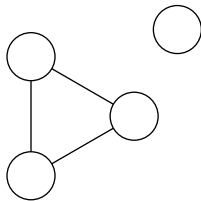
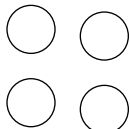


2 graphs on 3 nodes.



K_3, C_3

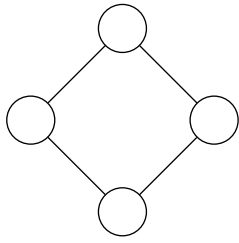
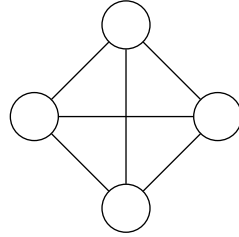
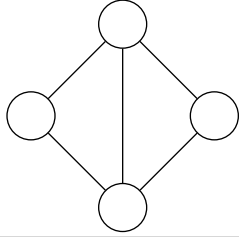
5 graphs on 4 nodes.



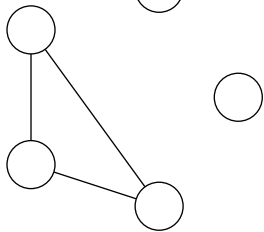
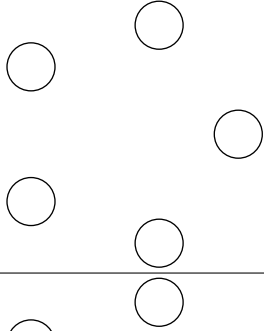
Date: September 20, 2015.

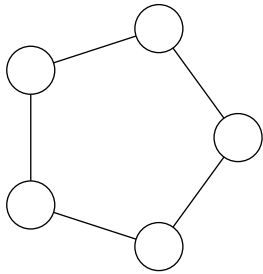
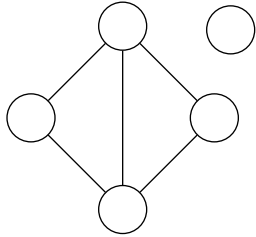
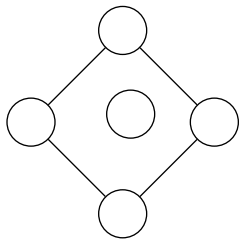
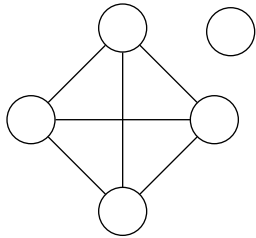
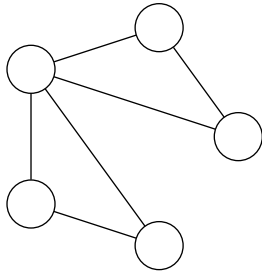
2010 Mathematics Subject Classification. Primary 05C30; Secondary 05C62.

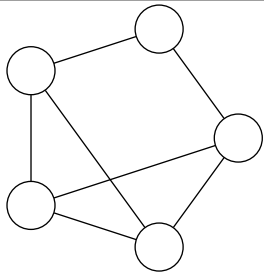
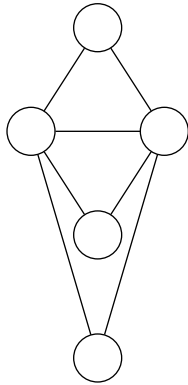
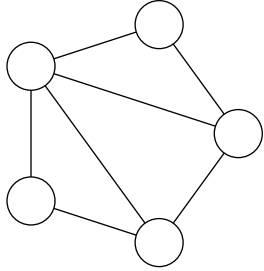
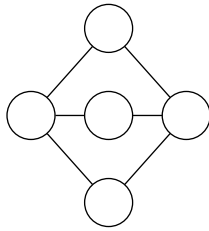
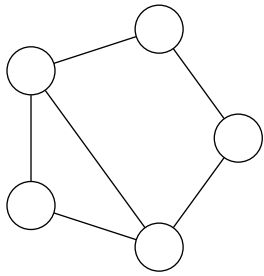
Key words and phrases. Unlabeled Graphs.

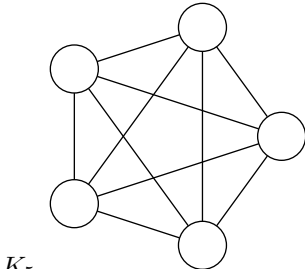
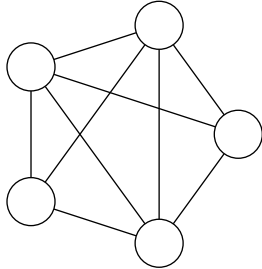
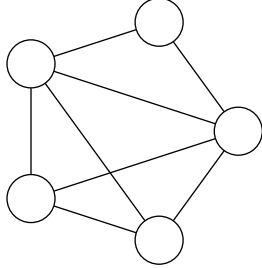
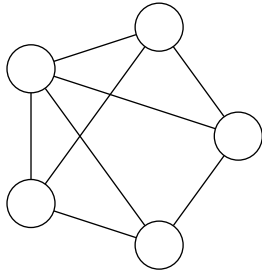
 C_4  K_4

16 graphs on 5 nodes.



 C_5 





K_5

URL: <http://www.mpa.de/~mathar>

MAX-PLANCK INSTITUTE OF ASTRONOMY, KÖNIGSTUHL 17, 69117 HEIDELBERG, GERMANY