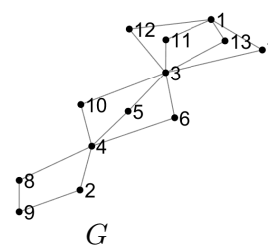
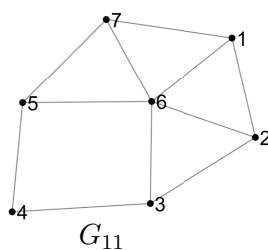
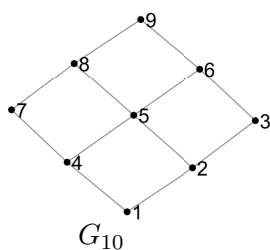


## Programming assignment 1: Extra tests

2022

The graphs that you should use for additional testing are presented here:



The following table contains the input files for these graphs:

graph	Python input file	Matlab input file
$G_{10}$	G10Python.txt	G10Matlab.m
$G_{11}$	G11Python.txt	G11Matlab.m
$G_{12}$	G12Python.txt	G12Matlab.m

For each of these graphs, all minimal spanning trees have been generated for one or more starting vertices. For each starting vertex, a directory (folder) containing one file for each minimal spanning trees have been generated. These directories are given in the following table:

graph	starting vertex $s$	Python directory containing all minimal spanning trees	Matlab directory containing all minimal spanning trees
$G_{10}$	1	PyG10Start1	MatG10Start1
$G_{10}$	5	PyG10Start5	MatG10Start5
$G_{11}$	1	PyG11Start1	MatG11Start1
$G_{11}$	3	PyG11Start3	MatG11Start3
$G_{11}$	4	PyG11Start4	MatG11Start4
$G_{12}$	1	PyG12Start1	MatG12Start1
$G_{12}$	7	PyG12Start7	MatG12Start7

Note that the trees are interpreted as being directed; all edges point away from the starting vertex  $s$ .