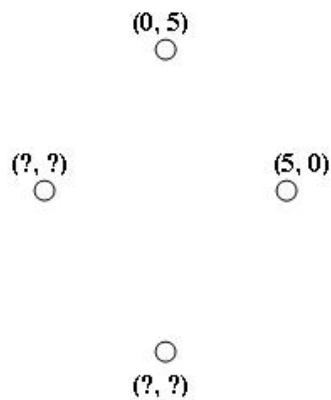


Exercises of lecture
Wireless Sensor Networks
Winter 2006/2007
Sheet 10

SECTION 1:

Topology control

1. Draw a finite connected graph which is **not** c -spanner for any c .
2. Draw a finite connected graph which is also **not** even weak c -spanner for any c .
3. Draw a five nodes connected graph which is 1-spanner.
4. Use the points below to draw a graph which is *Delaunay triangle*. Furthermore specify missing coordinates.



5. Draw $(2, 2)$ -power-spanner graph that consists of exactly 10 nodes, also specify distances between nodes.