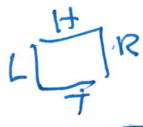
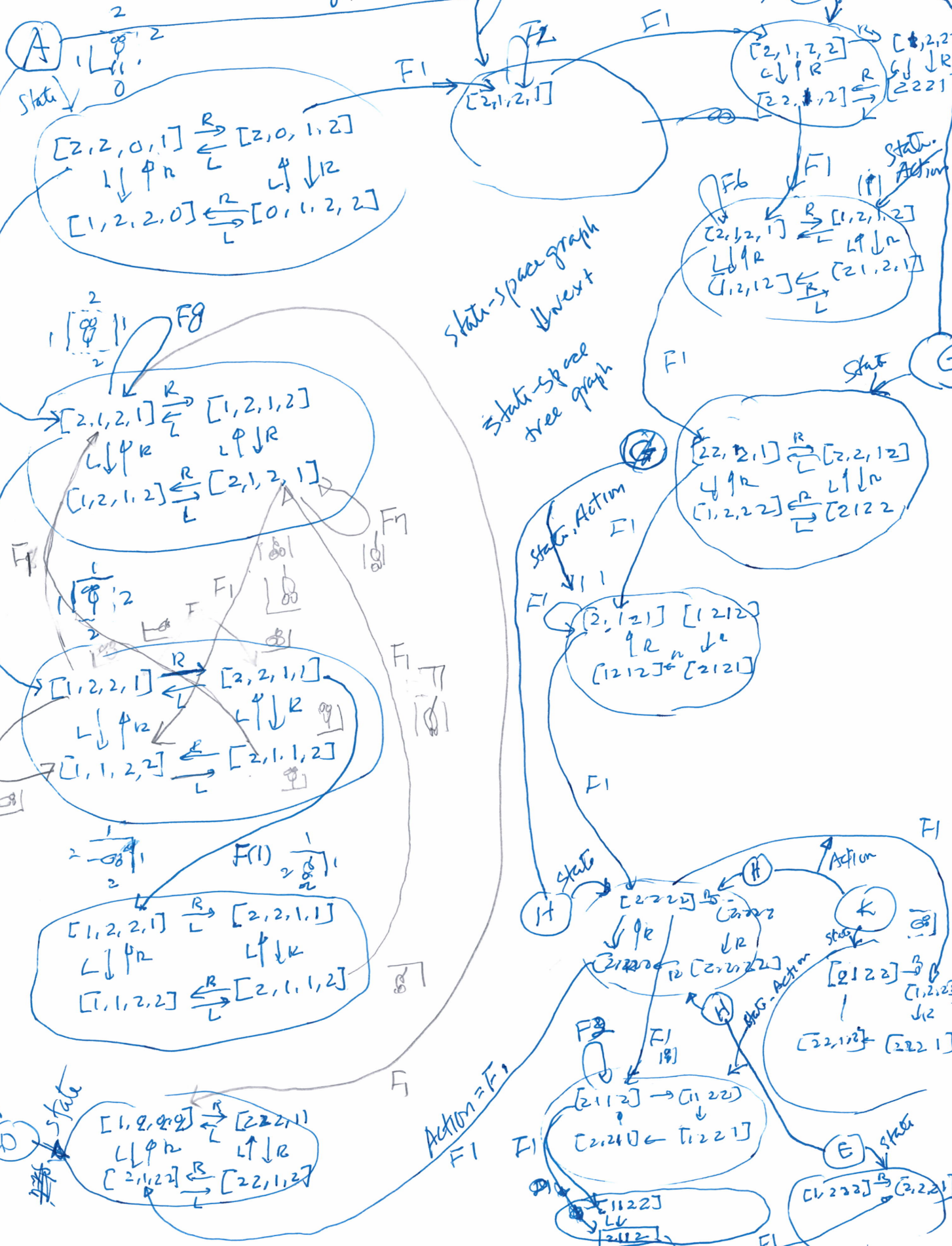


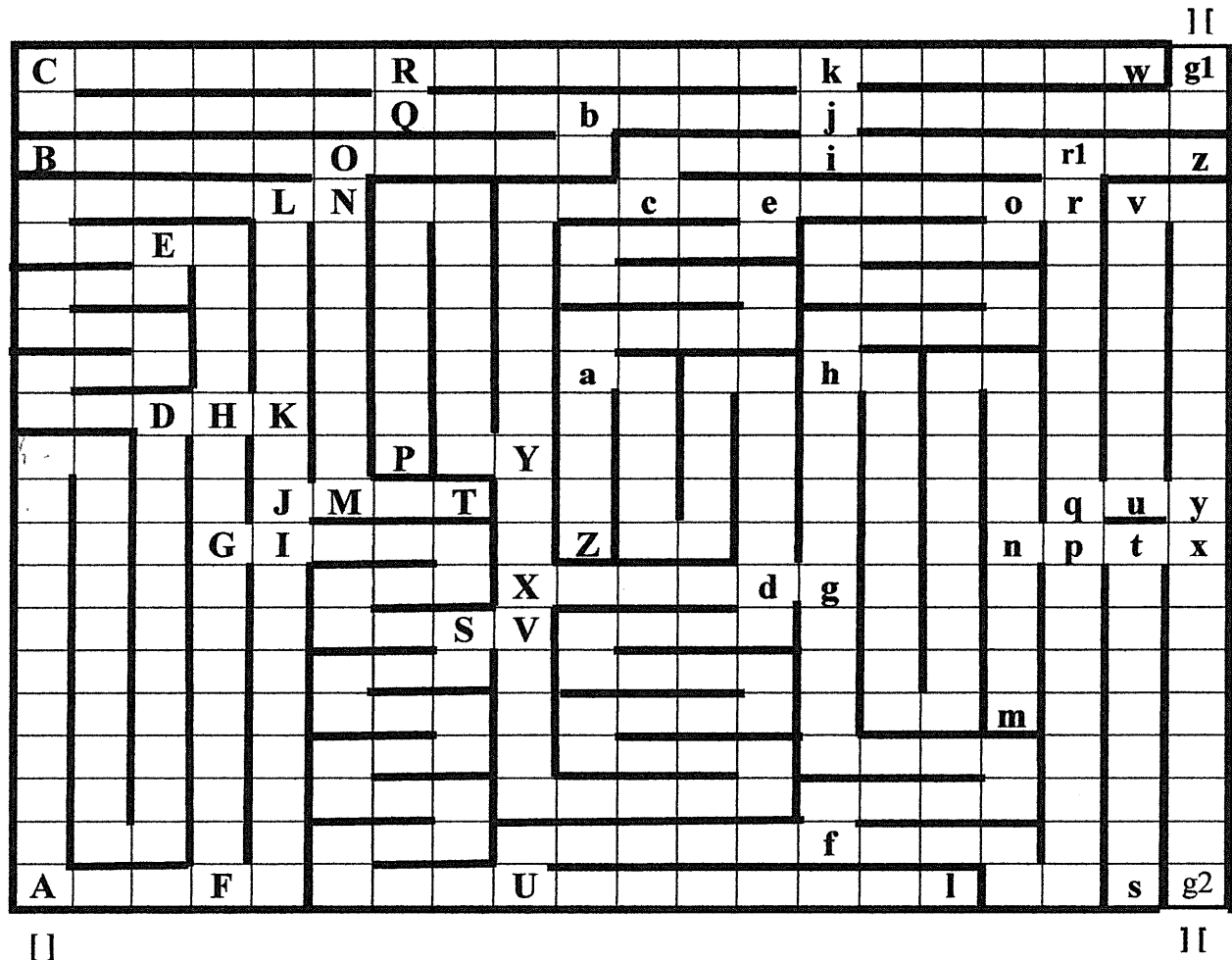
[H, R, T, L] mouse position in a grid



State Action



The following graph is a maze example: Assume A is the entrance []. Both g1 and g2 are exits [].



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Future Research (I will discuss the following in class and will take time to develop its description):

Develop a theory for claiming annotations, A, B, ..., Z, a, b, ..., z, which are necessary and sufficient. Obtain a connected undirected weighted graph from a given maze. Will this obtained graph uniquely correspond to the given maze?

Design and implement the agent (the maze problem-solver, a mouse, a program, or a simulator), such that for given any maze, the agent can find an exit efficiently, once it enters the maze.

Input to the agent is any maze. (the agent can take different mazes as its input).

The agent consisting algorithms that traverse a given maze to find an exit.