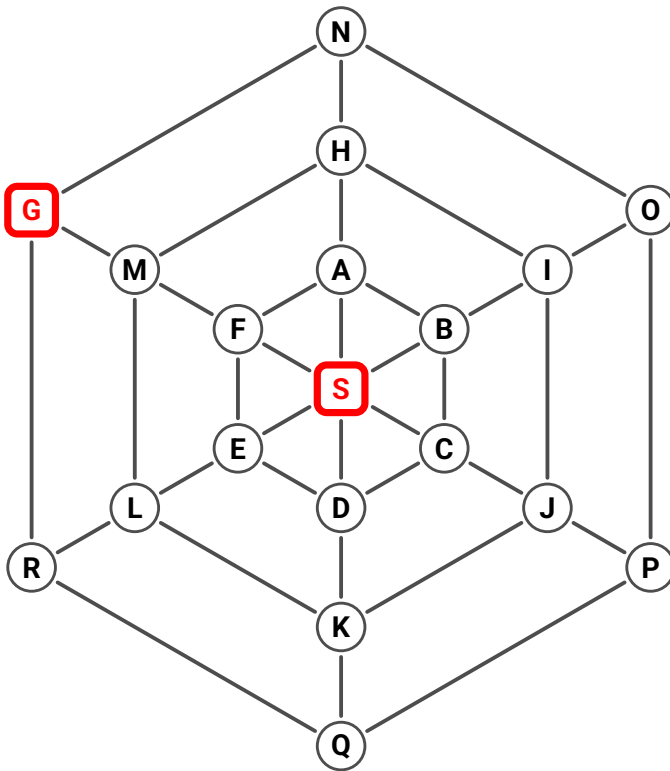# Problem 7
Prepared by S. Baskaran

State Space

MoveGen returns nodes in ALPHABETICAL order.

```
S -> A,B,C,D,E,F
A -> B,F,H,S
B -> A,C,I,S
C -> B,D,J,S
D -> C,E,K,S
E -> D,F,L,S
F -> A,E,M,S
H -> A,I,M,N
I -> B,H,J,O
J -> C,I,K,P
K -> D,J,L,Q
L -> E,K,M,R
M -> F,G,H,L
N -> G,H,O
O -> I,N,P
P -> J,O,Q
Q -> K,P,R
R -> G,L,Q
G -> M,N,R
```

Search Trees