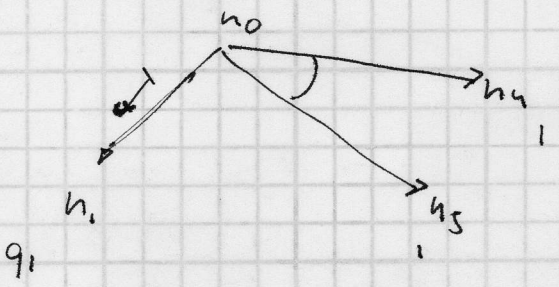
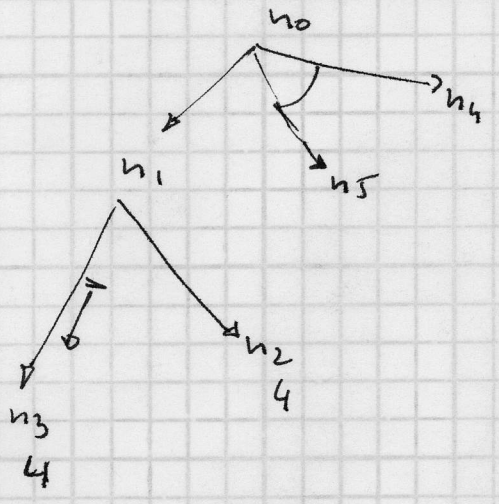


$m \leftarrow n_0$

$q_1(m) = 1+2 = 3$

$q_2(m) = 2+1+1 = 4$

min on $q_1(m)$. $\leftarrow 3$.



$S = \{n_1\}$

$m \leftarrow n_1$

$q_1(m) = 1+4 = 5$

$q_2(m) = 1+4 = 5$

$min \leftarrow n_3$

$q(m = n_1) = \underline{\underline{5}}$

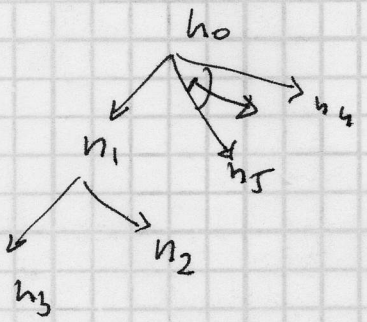
$S = \{n_0\}$

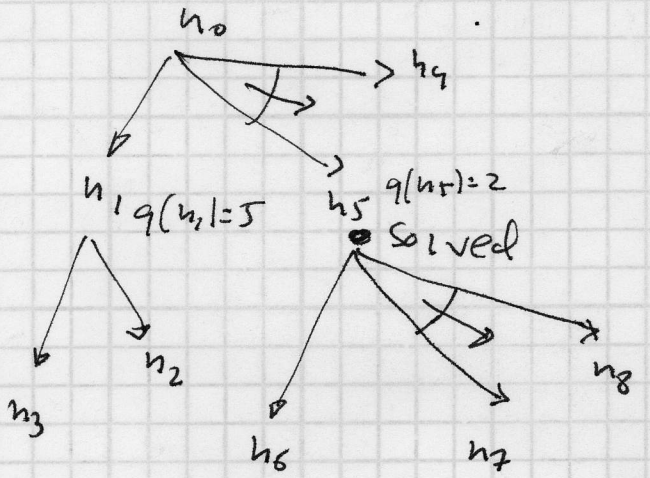
$m \leftarrow n_0$ $\quad S = \{\}$

$q_1(m) = 6$

$q_2(m) = 4$

Select $\underline{\underline{q_2(m)}}$





$S = \{n_5\}$

$m \leftarrow n_5$

$q_1(m) = 1+2 = 3$

$q_2(m) = 2+0+0 = 2$

Select $q_2(m)$

n_7 - solved
n_8 solved
} $n_5 \leftarrow$ solved

$q(n_5) = 2.$

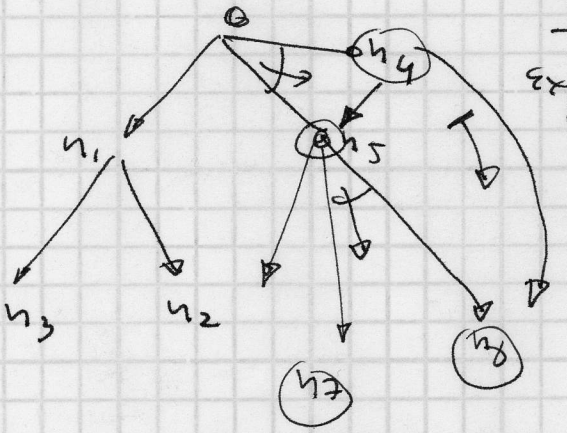
$S = \{n_0\}$ $S = \{\}$

$m \leftarrow n_0$

$q_1(n_0) = 1+5 = 6$

$q_2(m) = 2+2+1 = 5$

Select $q_2(m)$.



expand n_4

$S = \{n_4\}$ $m \in n_4$

$q_1(m) = 1+2 = 3$

$q_2(m) = 1+0 = 1$

Select $q_2(m)$

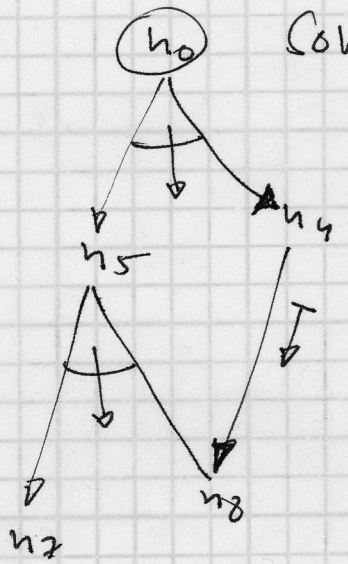
$q(n_4) = 1$ solved

$S = \{n_0\}$ $m \in n_0$ $S = \{\}$

$q_1(n) = 1+5 = 6$

$q_2(n) = 2+1+2 = 5$

n_0 = solved. $q(n_0) = 5$



Solved

Cost $n_0 \to 5$