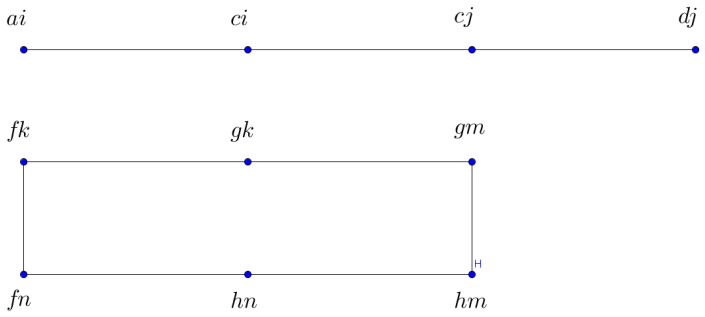
Solution (Nash Equilibrium Section)

March 17, 2017

1. For set $\bar{P}$, its extreme points are: (0,0,0),$(0,\frac{1}{3},0)$,$(0,0,\frac{1}{5})$,$(\frac{1}{5},0,0)$,$(\frac{1}{5},\frac{2}{15},0)$,$(0,\frac{1}{3},\frac{1}{6})$,$(0,\frac{3}{10},\frac{1}{5})$,$(\frac{1}{30},\frac{3}{10},\frac{1}{6})$ and label them as a, b, c, d, e, f, g, h respectively.

For set $\bar{Q}$, its extreme points are: (0,0,0),$(0,\frac{1}{3},0)$,$(0,0,\frac{1}{3})$,$(\frac{1}{3},0,0)$,$(0,\frac{1}{3},\frac{1}{3})$,$(\frac{1}{3},0,\frac{1}{3})$ and label them as i, j, k, l, m, n respectively.

2. $G[U_3]$ should be:



where the label of each symbol is:

symbol	label
a	[1,2,3]
b	[1,3,4]
c	[1,2,5]
d	[2,3,5]
e	[3,4,5]
f	[1,4,6]
g	[1,5,6]
h	[4,5,6]
i	[4,5,6]
j	[4,6,1]
k	[4,5,2]
l	[5,6,1]
m	[4,1,2]
n	[5,1,2]

3.