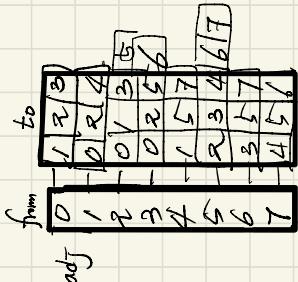
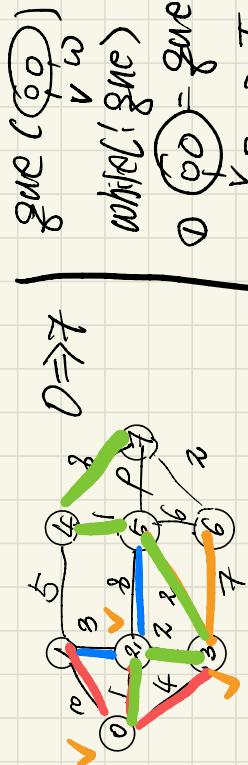
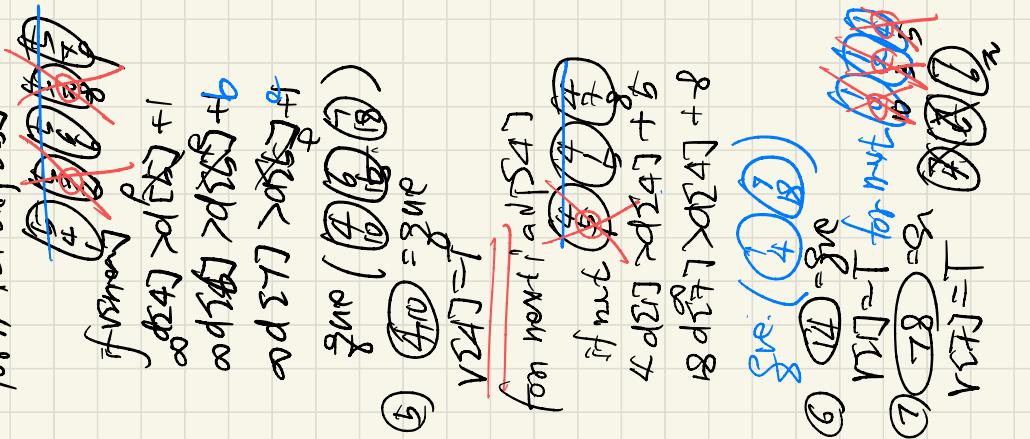
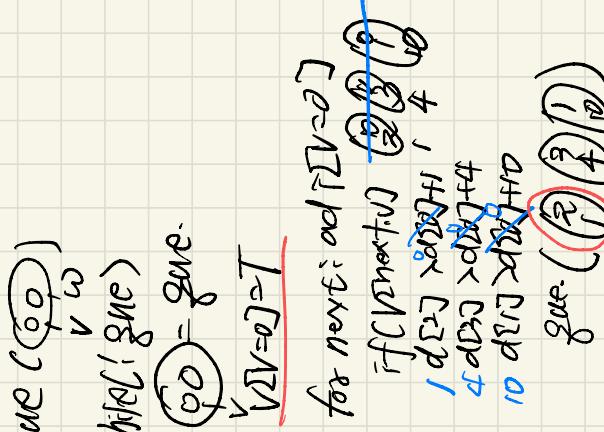


Bi TSP MST

~~Syoen~~



diktat



② while('gue')

from 2 = pg. poll()

$V[2] = T$

for $\epsilon : ad \cap [2]$

$pg.ad([C])$

pg

$Cp = pg. poll()$
 $Tf, (VSpf) \cup [3]$

$gue(3)$
const $(\frac{1}{2}, \frac{2}{3})$

while('g')

③ while('gue')

from 3 = pg.poll()

$V[3] = T$

for $\epsilon^q : ord[3]$

$pg.ad([C])$
while('pg')

$\Sigma p = pg.poll()$

$Tf, (VSpf)$

$[3, 2, 1, 4, 5, 6, 7, 8, 9]$

pg

const $T(\frac{0}{2}, \frac{2}{3})$

break

④ while('gue')

front 5 = pg.poll()

$V[5] = T$

for $\epsilon : ad \cap [5]$

$pg.ad([C])$

Pg

$pg(4, 3, 2, 1, 0)$

const $(\frac{1}{2}, \frac{3}{5})$

break

⑤ while('gue')

fun 4 = pg.poll()

$V[4] = T$

for $\epsilon^q : ord[4]$

$[4, 3, 2, 1, 0]$

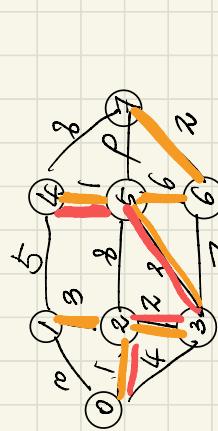
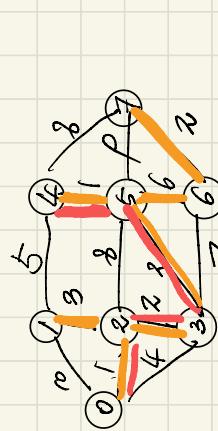
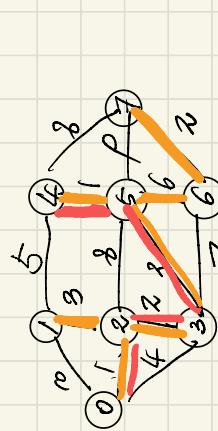
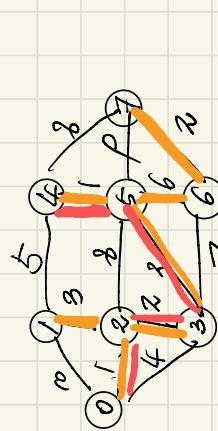
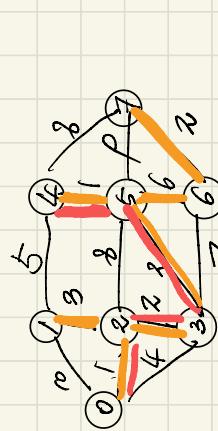
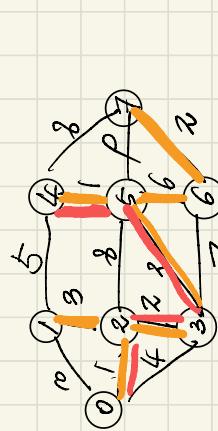
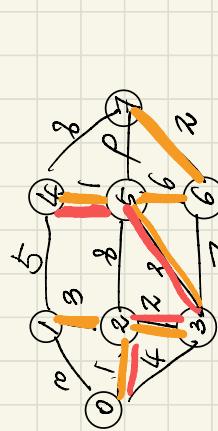
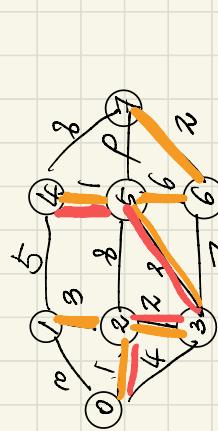
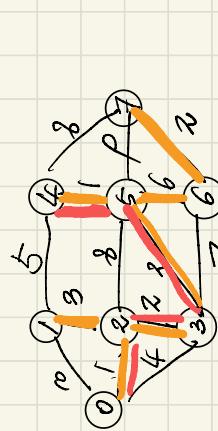
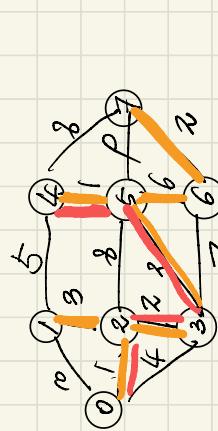
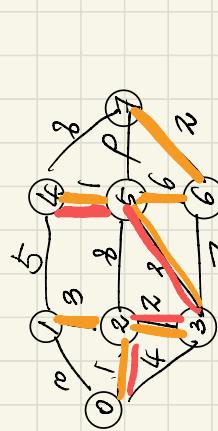
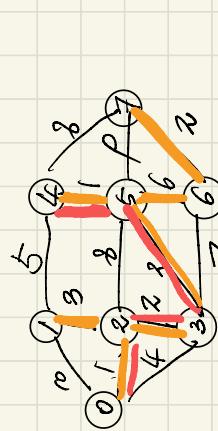
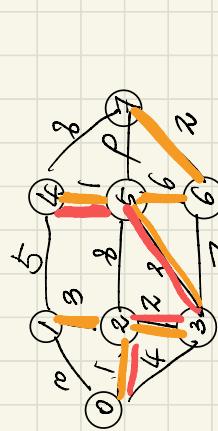
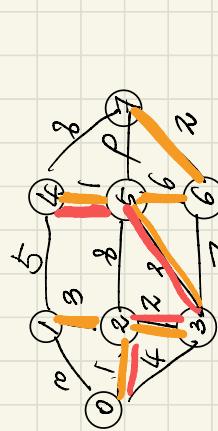
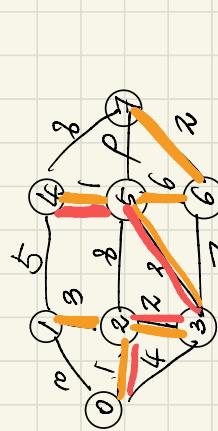
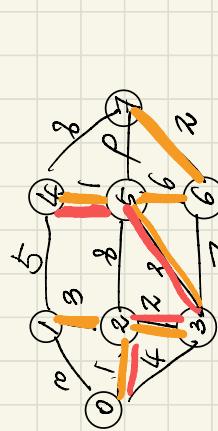
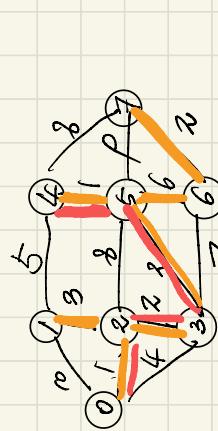
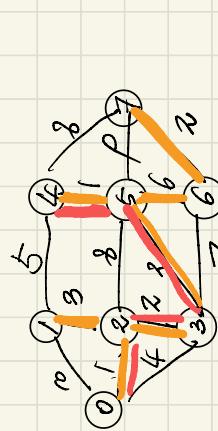
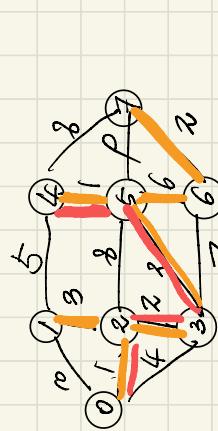
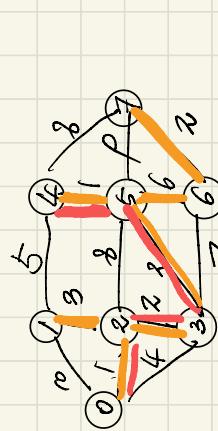
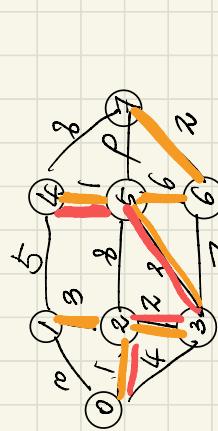
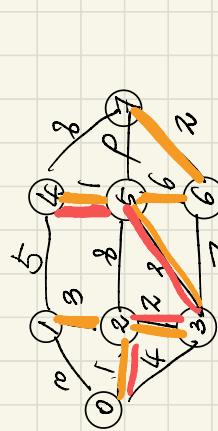
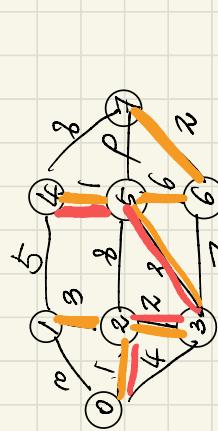
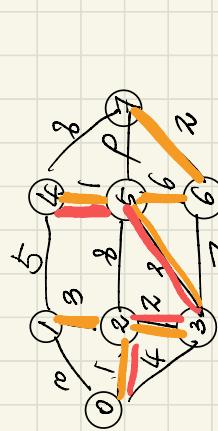
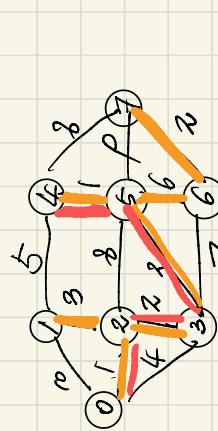
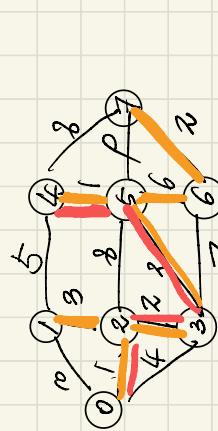
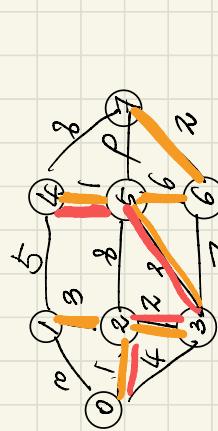
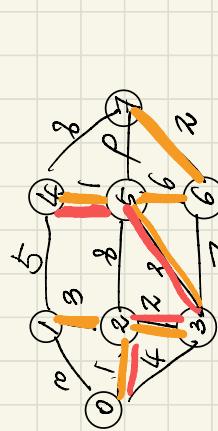
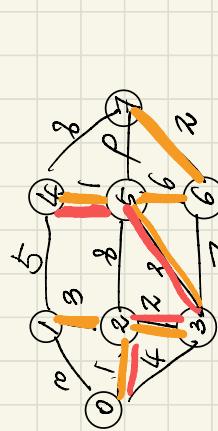
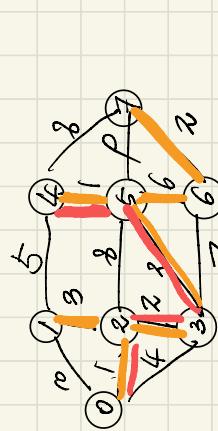
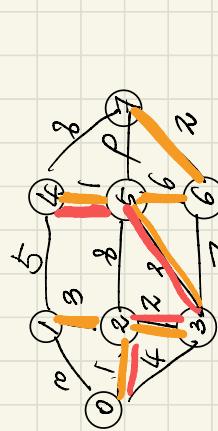
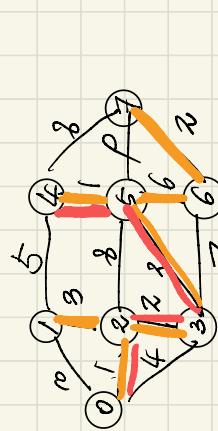
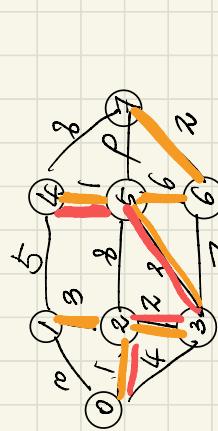
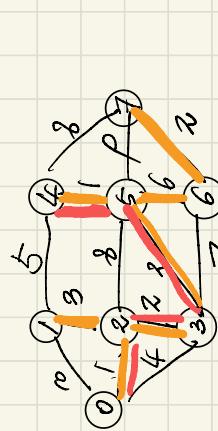
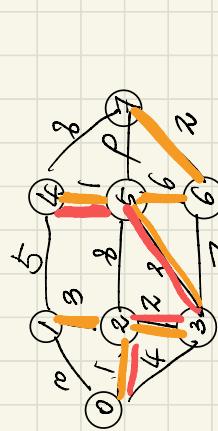
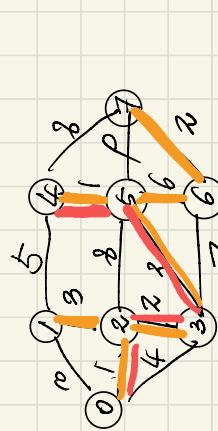
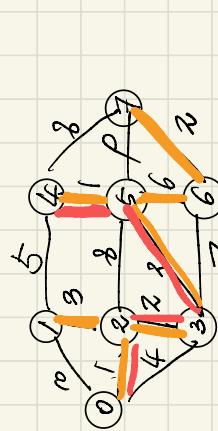
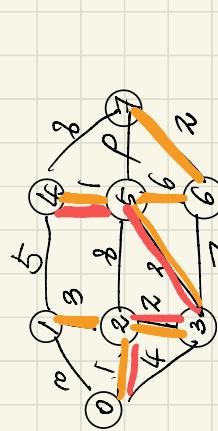
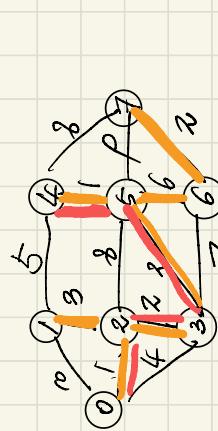
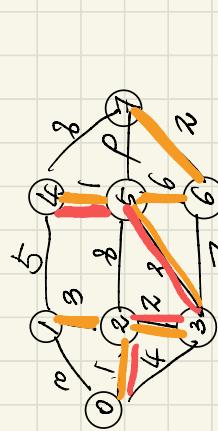
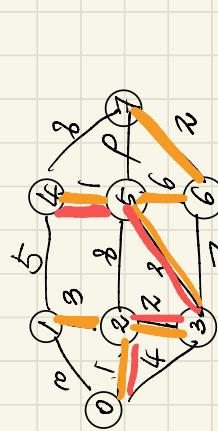
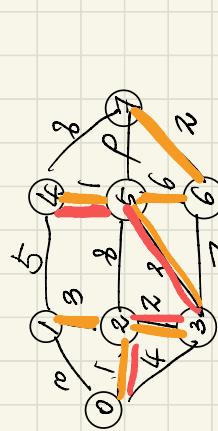
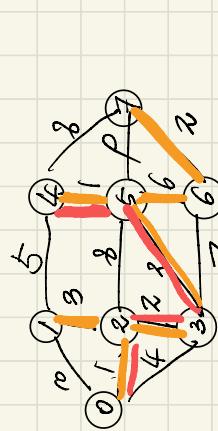
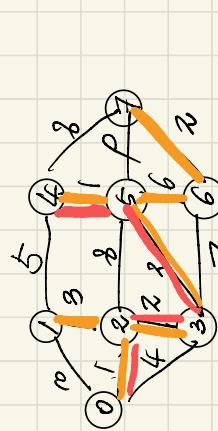
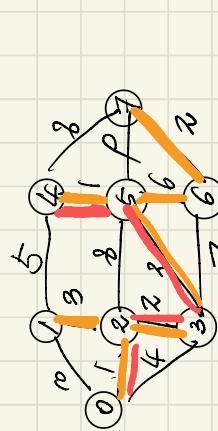
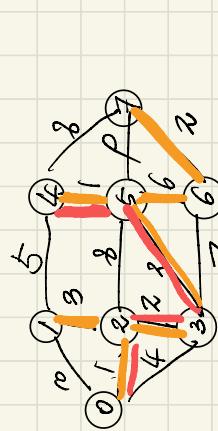
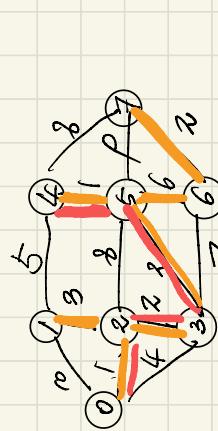
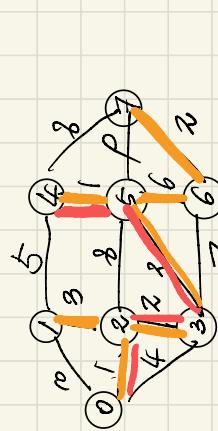
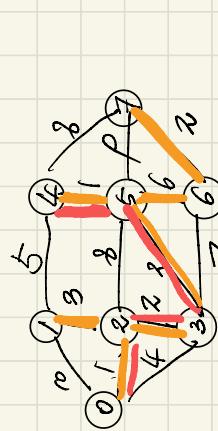
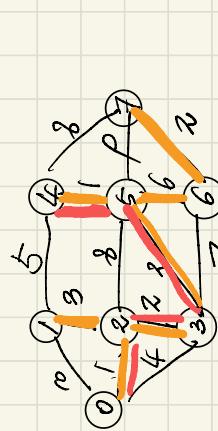
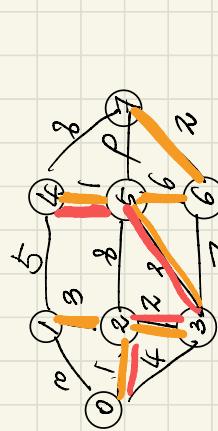
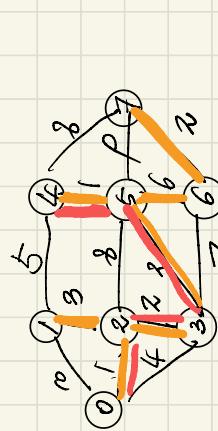
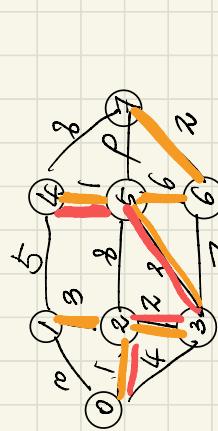
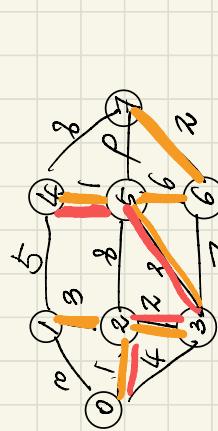
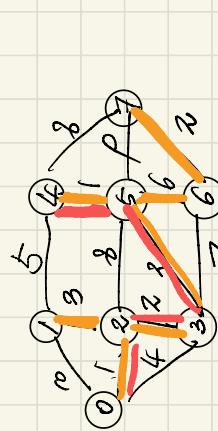
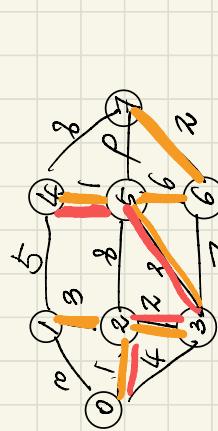
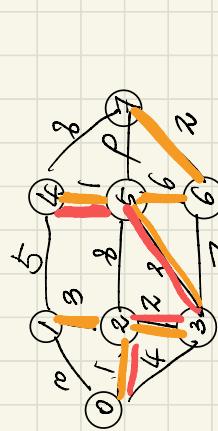
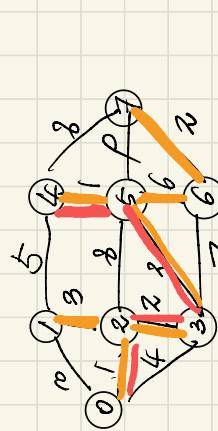
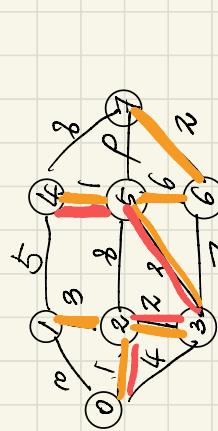
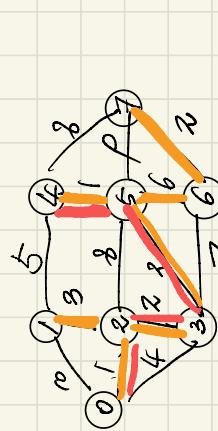
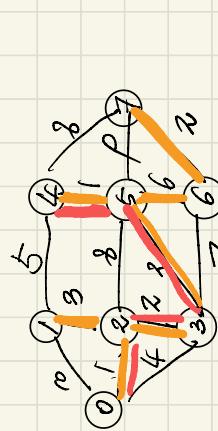
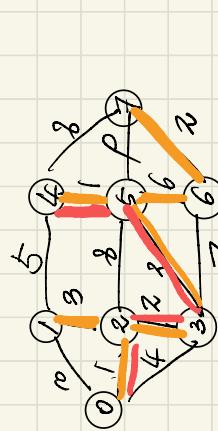
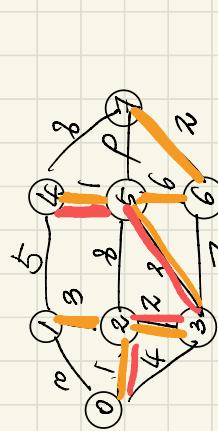
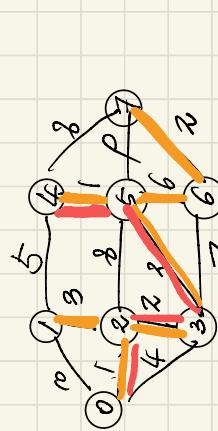
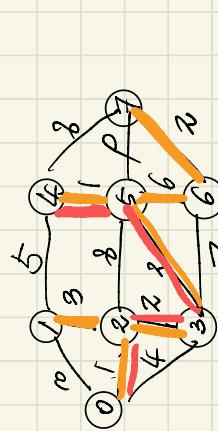
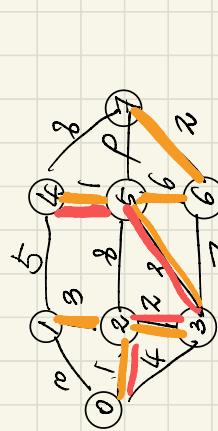
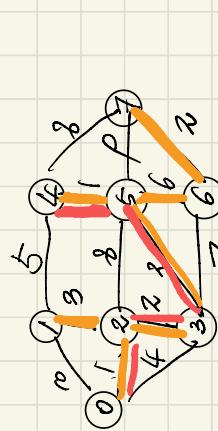
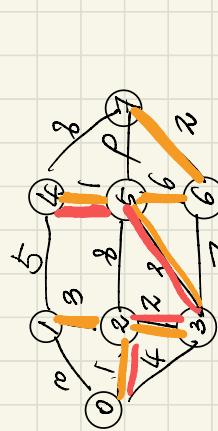
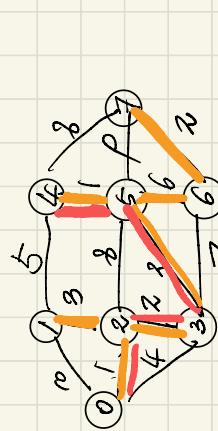
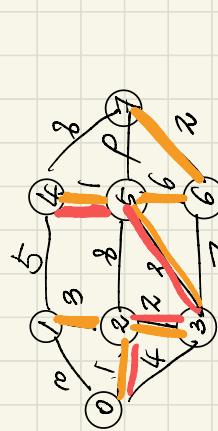
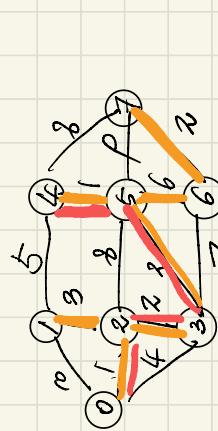
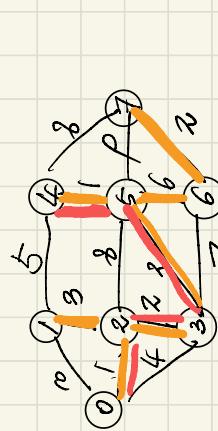
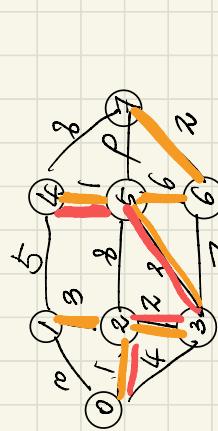
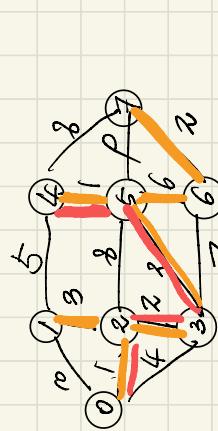
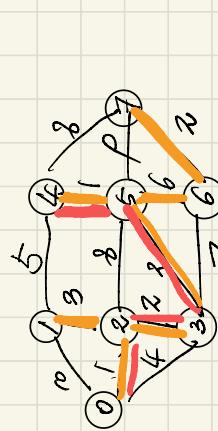
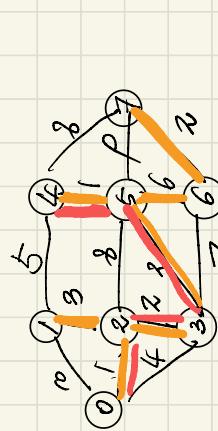
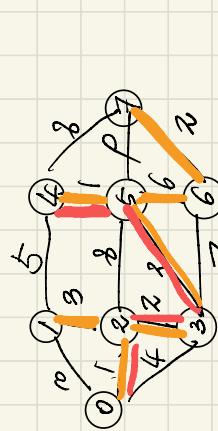
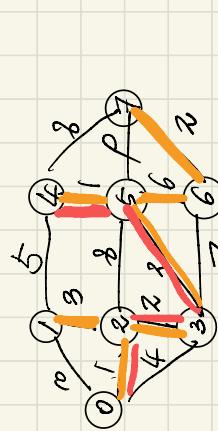
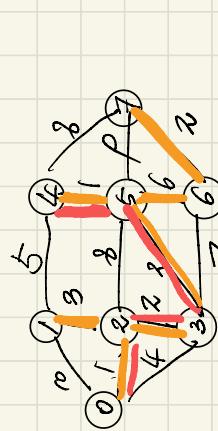
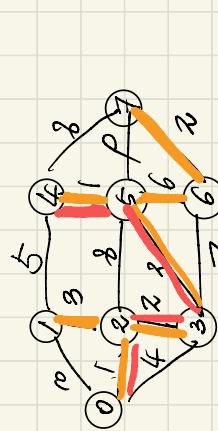
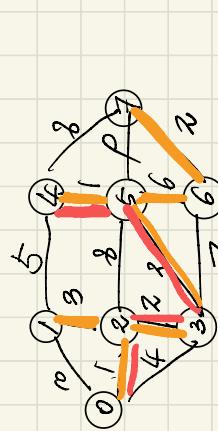
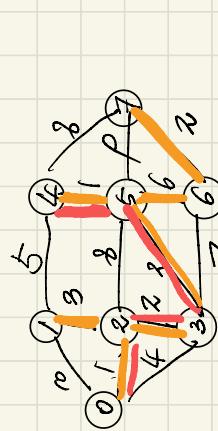
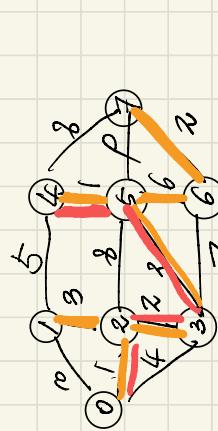
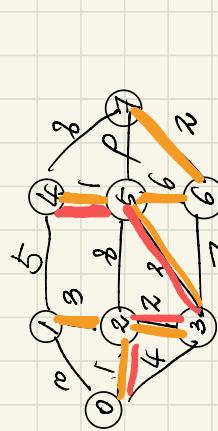
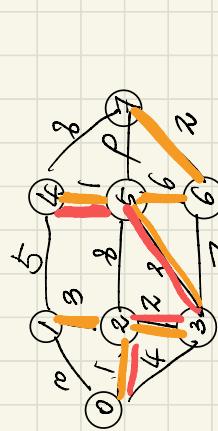
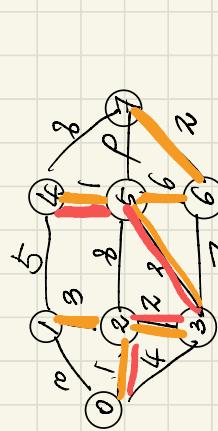
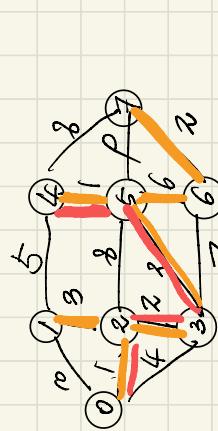
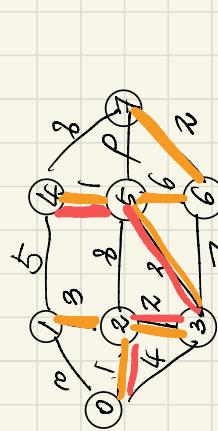
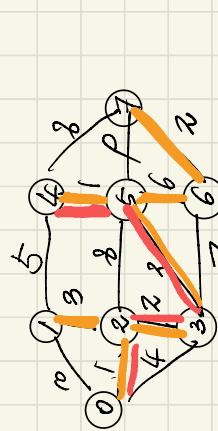
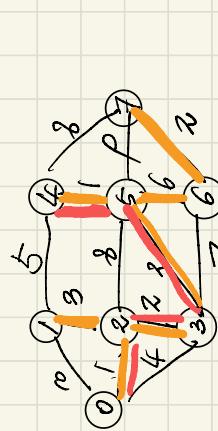
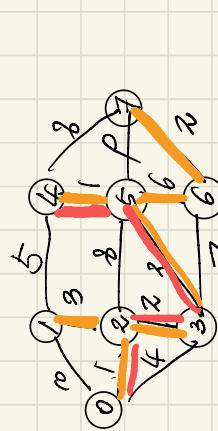
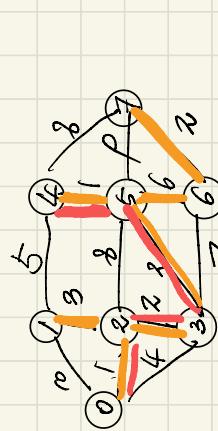
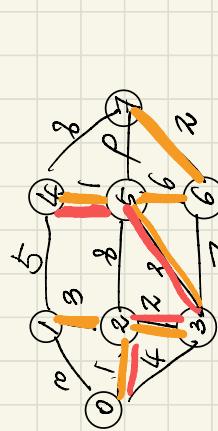
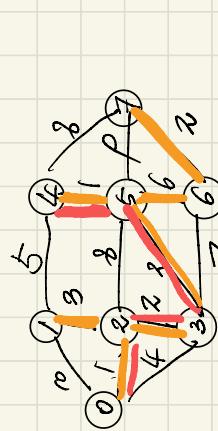
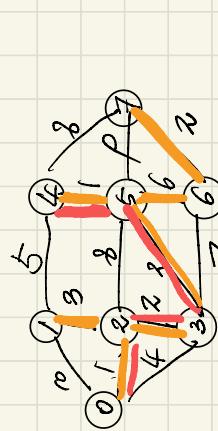
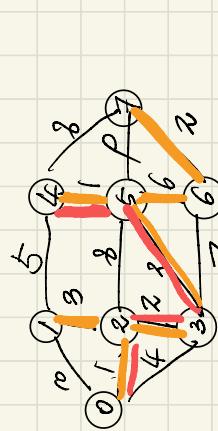
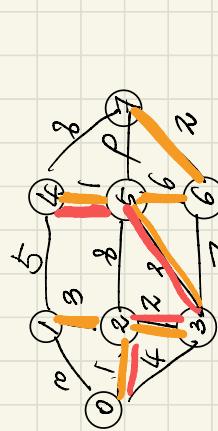
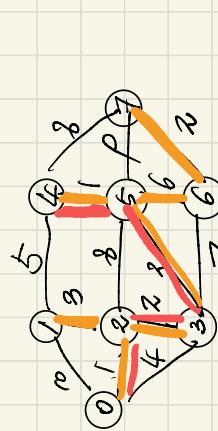
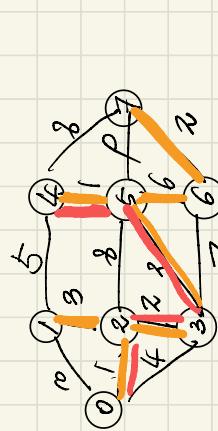
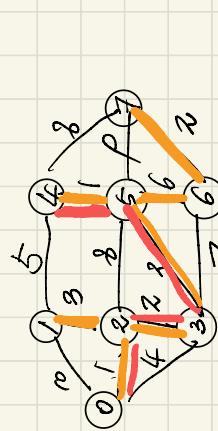
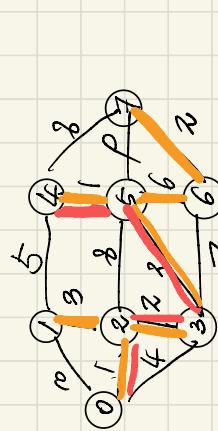
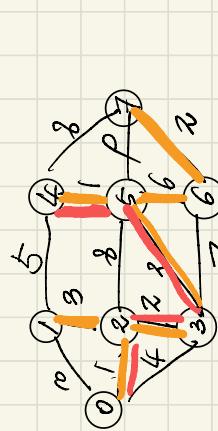
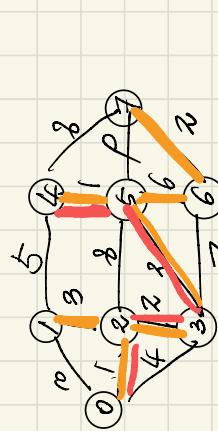
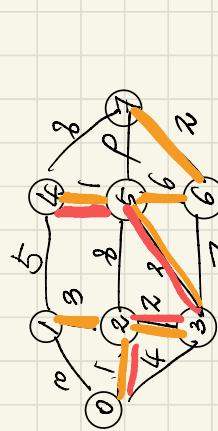
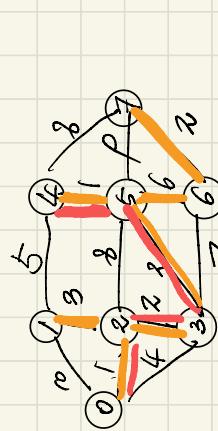
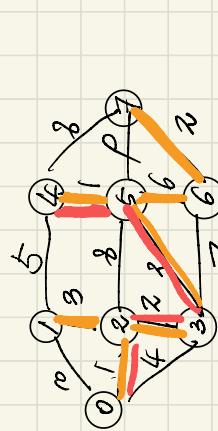
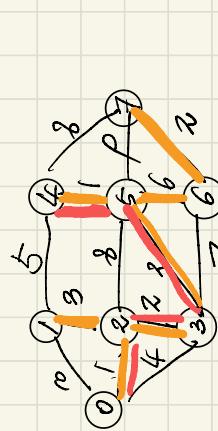
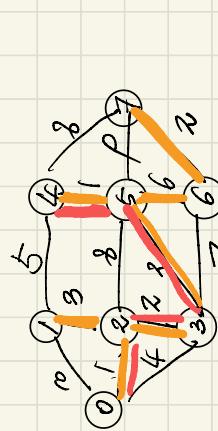
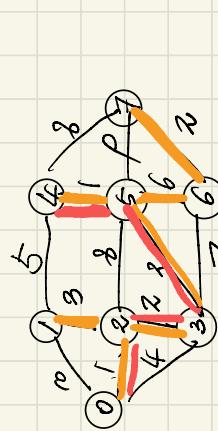
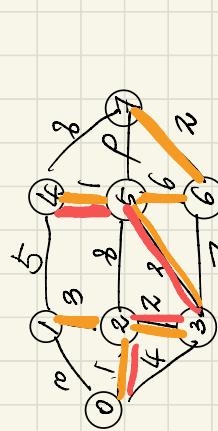
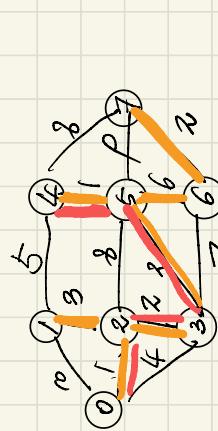
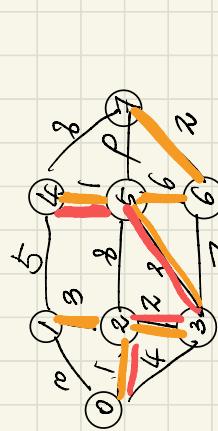
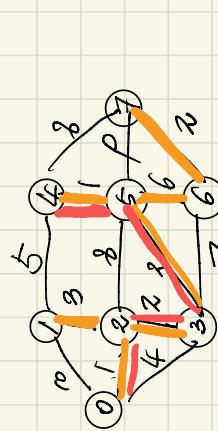
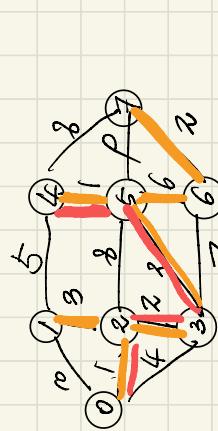
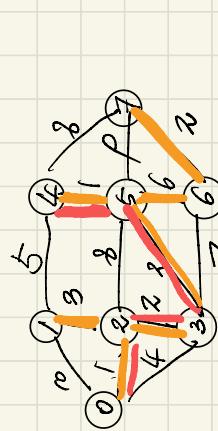
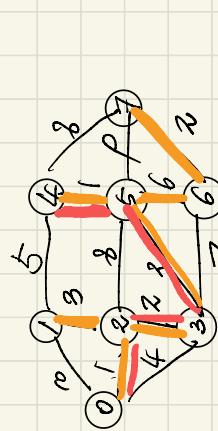
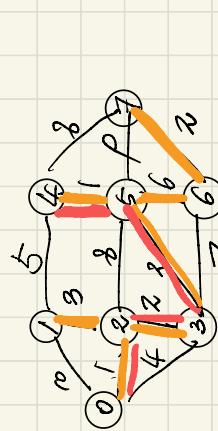
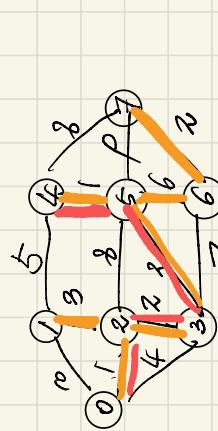
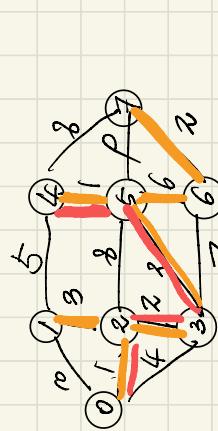
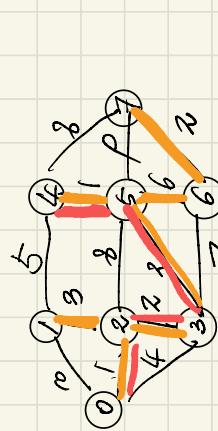
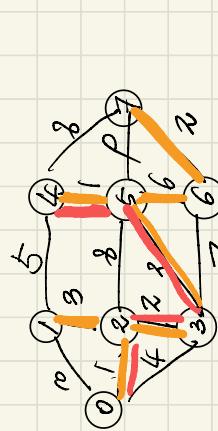
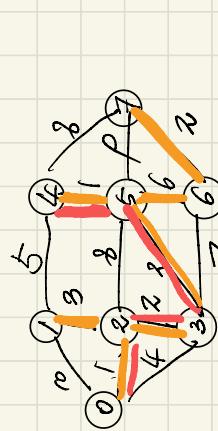
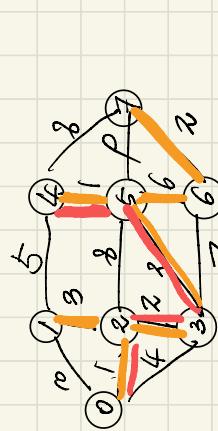
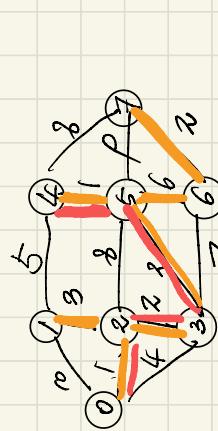
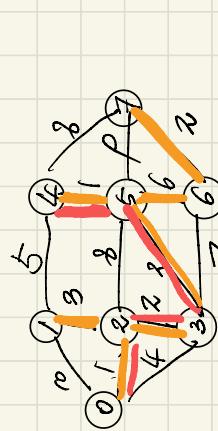
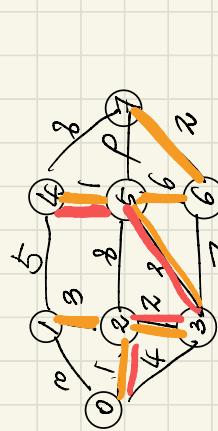
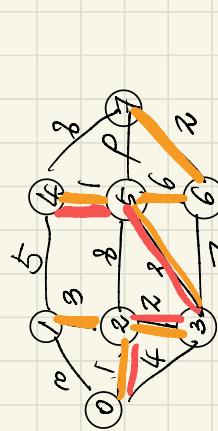
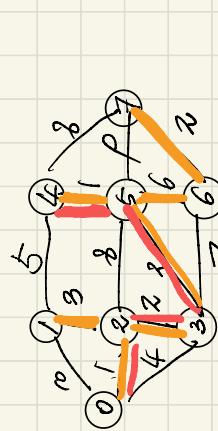
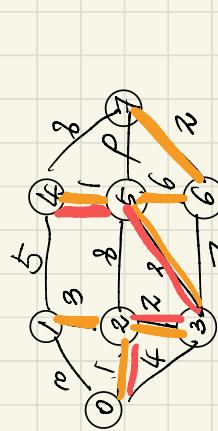
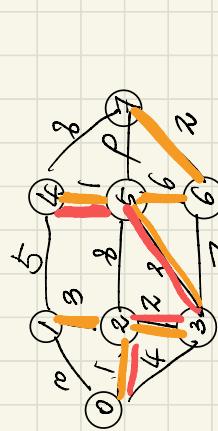
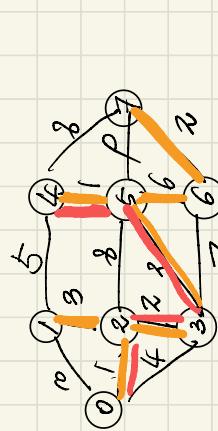
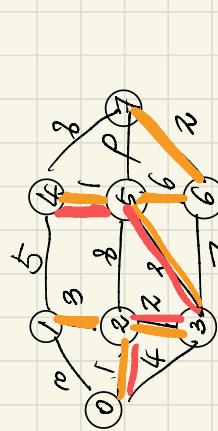
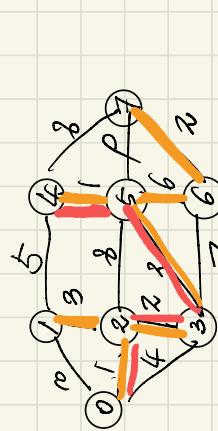
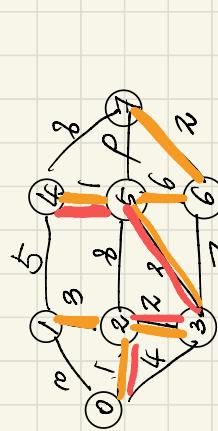
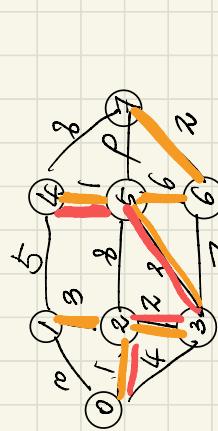
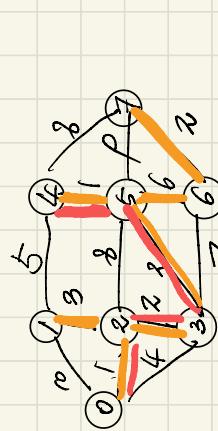
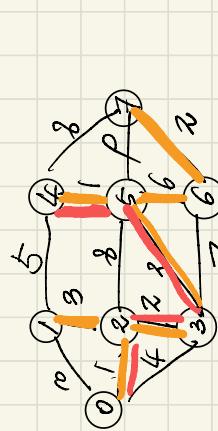
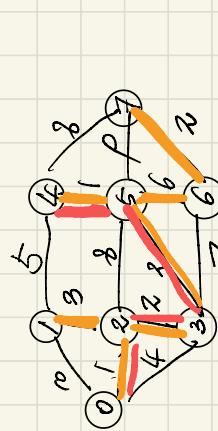
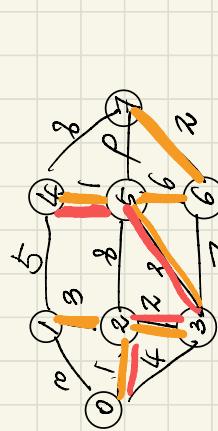
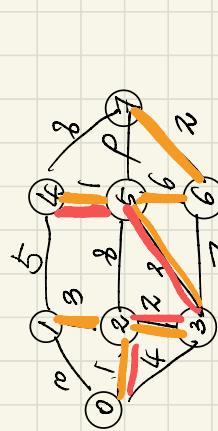
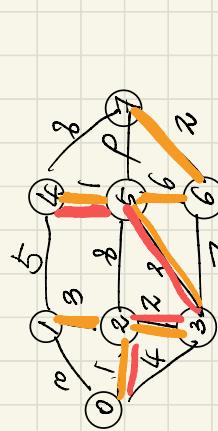
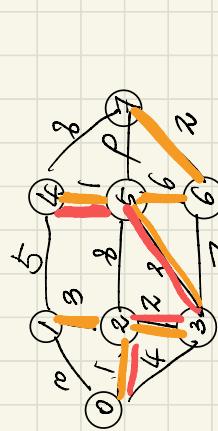
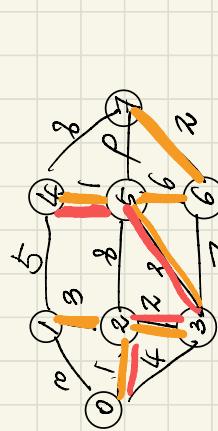
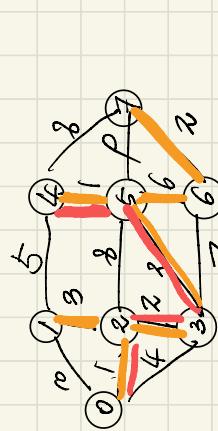
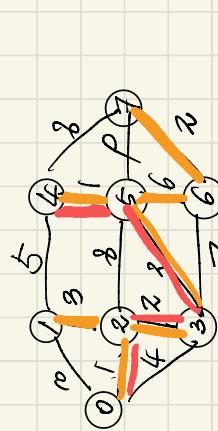
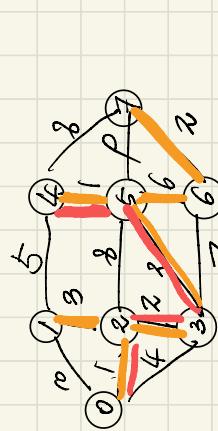
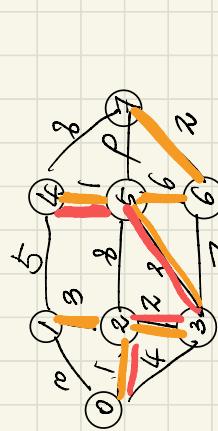
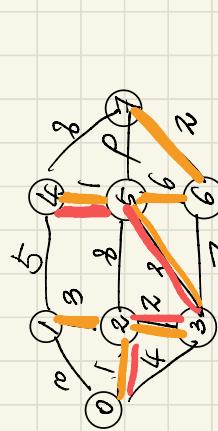
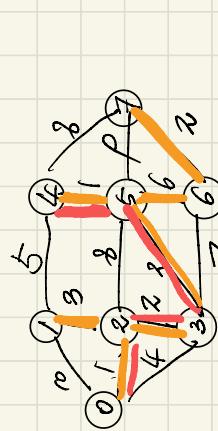
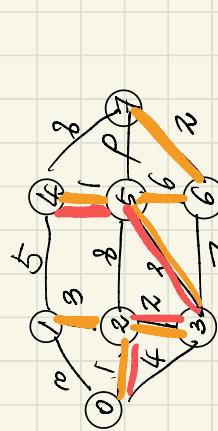
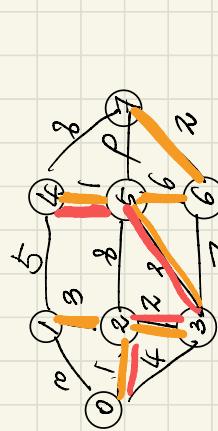
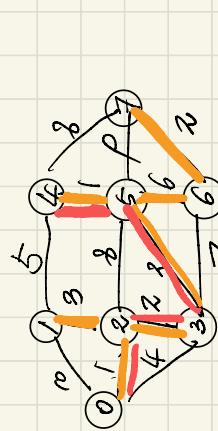
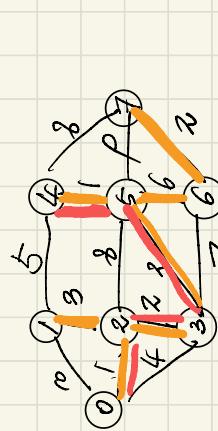
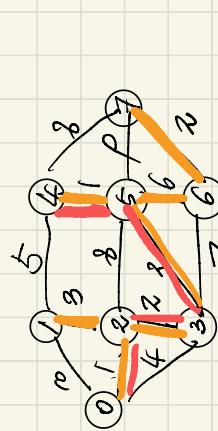
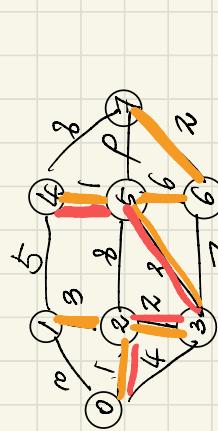
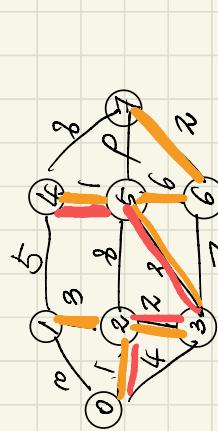
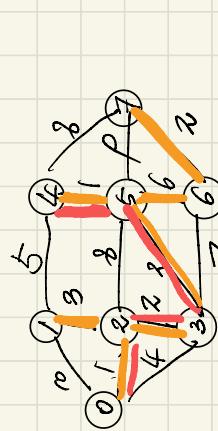
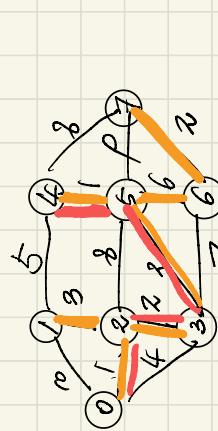
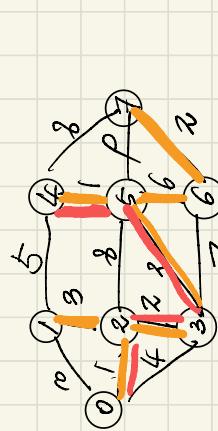
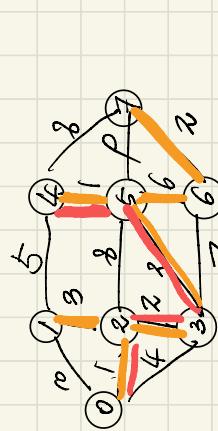
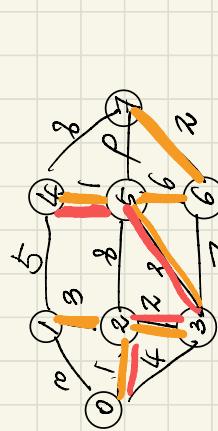
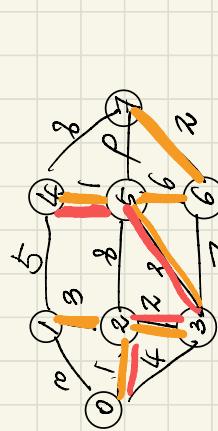
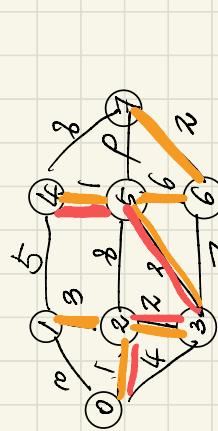
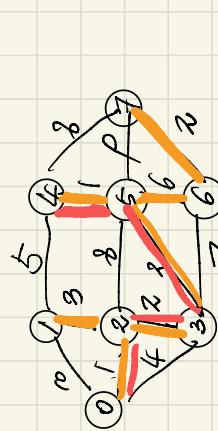
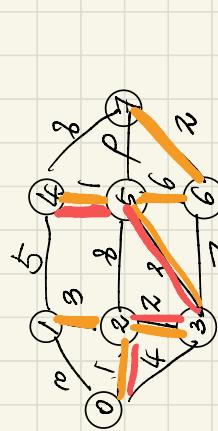
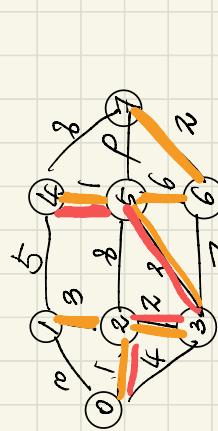
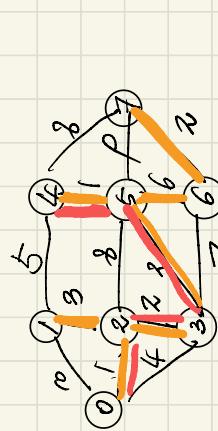
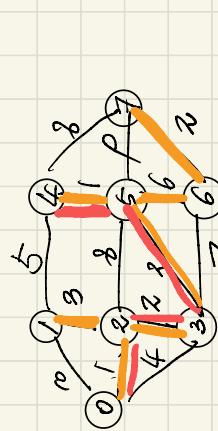
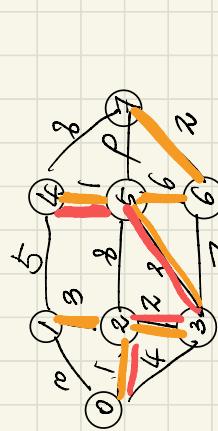
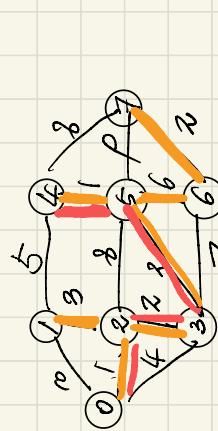
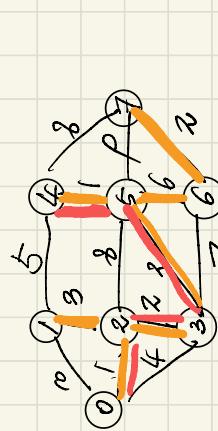
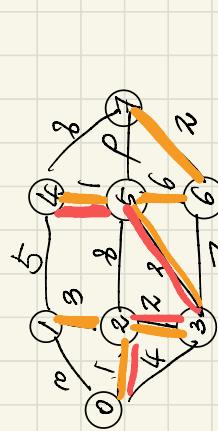
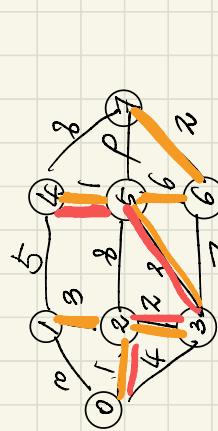
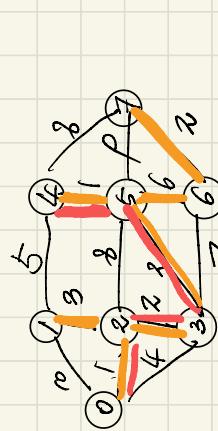
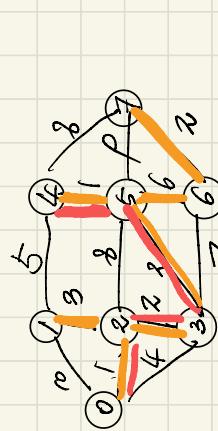
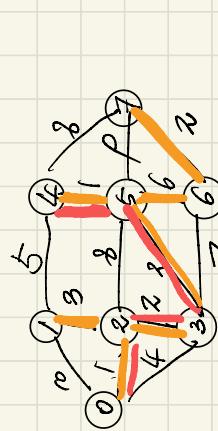
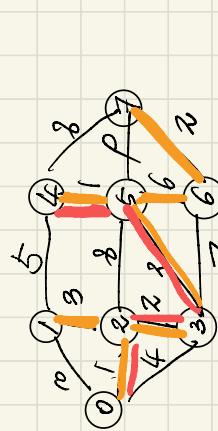
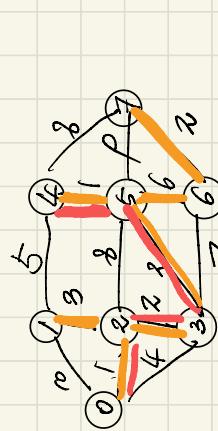
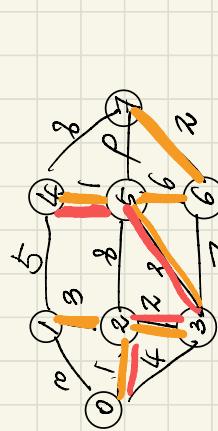
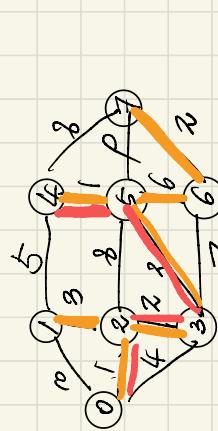
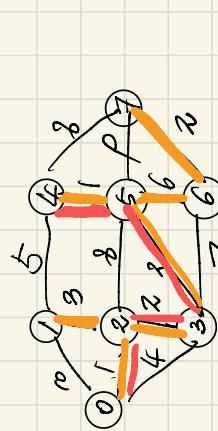
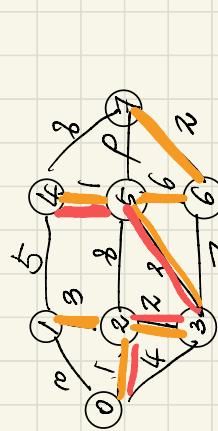
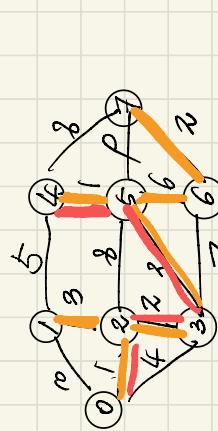
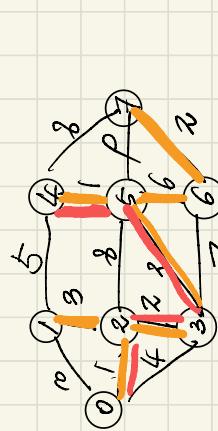
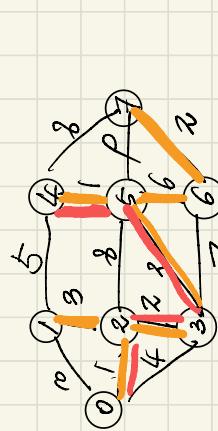
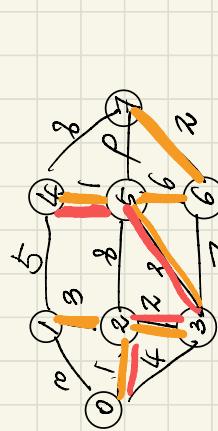
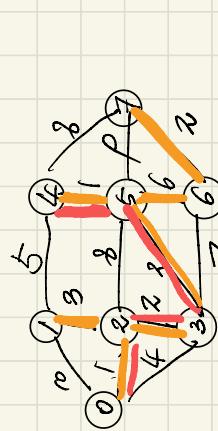
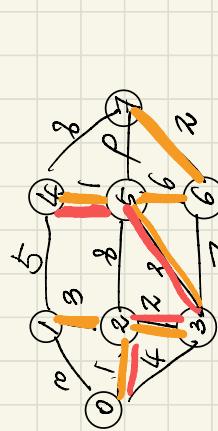
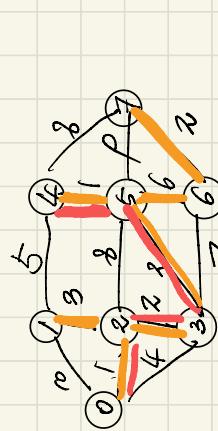
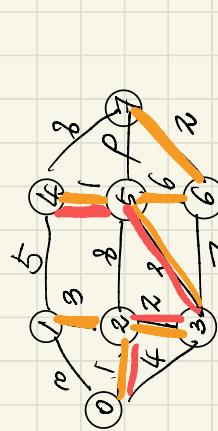
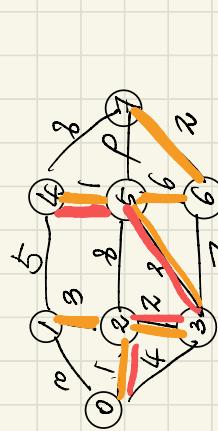
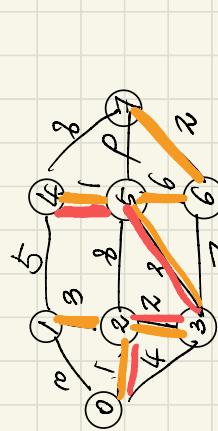
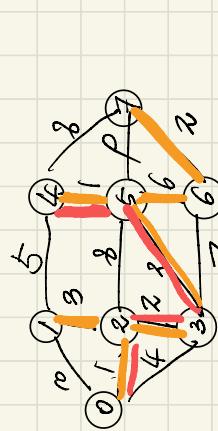
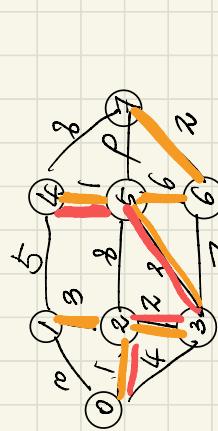
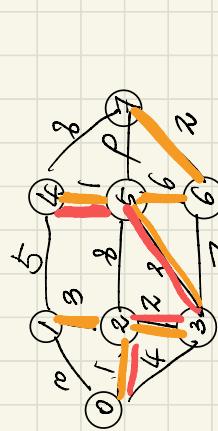
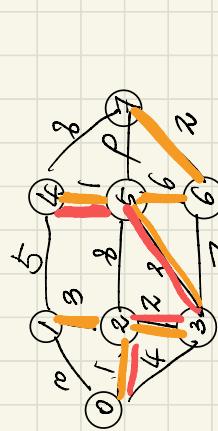
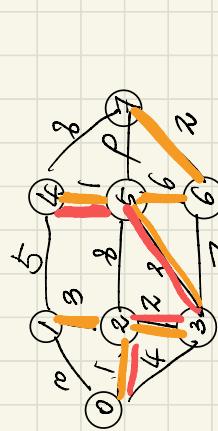
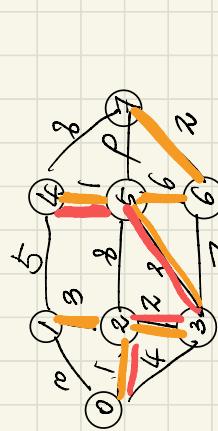
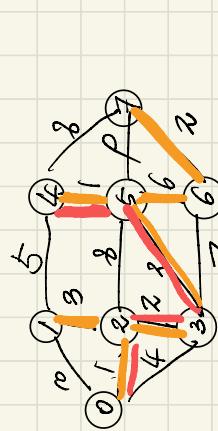
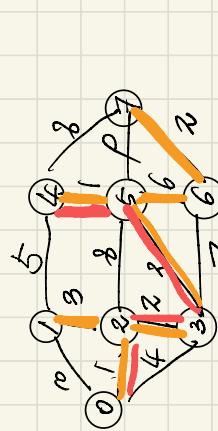
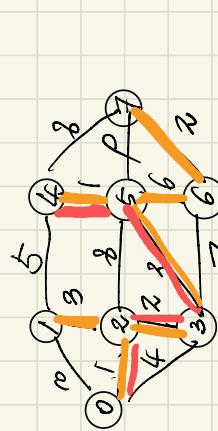
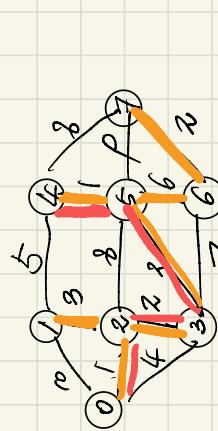
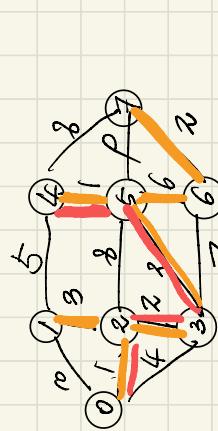
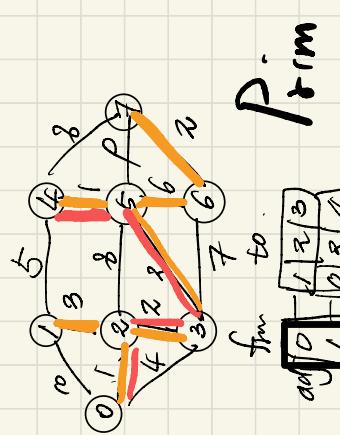
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const $T(\frac{0}{2}, \frac{2}{3})$

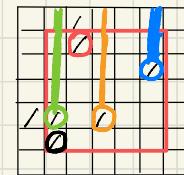
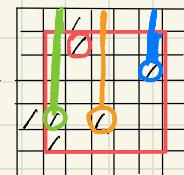
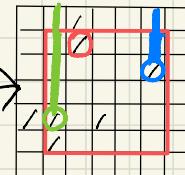
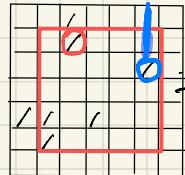
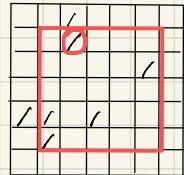
$b1, b2, b3, b4$

$b5, b6, b7, b8$

$b9, b10, b11, b12$

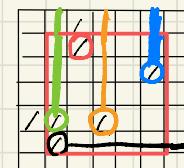
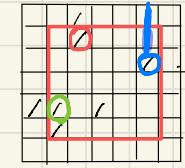
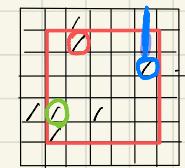
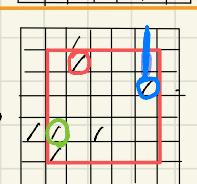


- (7) wheel sign 1
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \varepsilon_1 = \text{ad} \tau \omega_6$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 1 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 1 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 1 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- (8) wheel sign 2
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \tau = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 2 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 2 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- (9) wheel sign 3
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \varepsilon_2 = \text{ad} \tau \omega_6$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 3 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 3 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- (10) wheel sign 4
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \varepsilon_2 = \text{ad} \tau \omega_6$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 4 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 4 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- (11) wheel sign 5
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \varepsilon_2 = \text{ad} \tau \omega_6$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 5 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 5 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- (12) wheel sign 6
 $f_{\text{wheel}} = g_{\text{wheel}}$
 $\text{for } \varepsilon_2 = \text{ad} \tau \omega_6$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 6 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$
- $Pg(\varepsilon)$
- | | | | | |
|---|---|---|---|----|
| 6 | 3 | 4 | 5 | 0 |
| 7 | 6 | 2 | 7 | 1 |
| 2 | 7 | 8 | 9 | 10 |
- whl sign 6 (Pg)
 $\varepsilon_2 = f_{\text{wheel}}$

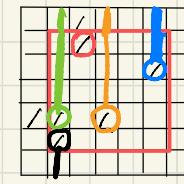


C3
L10

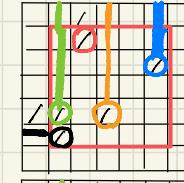
pruning



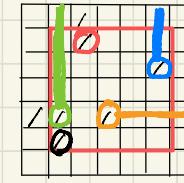
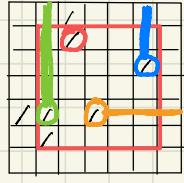
C4
L15



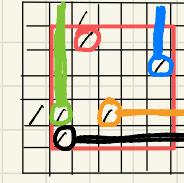
C4
L11



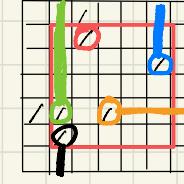
C4
L11



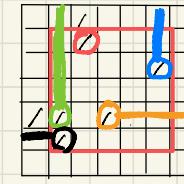
C3
LP
X



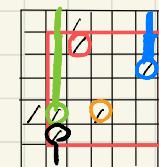
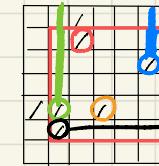
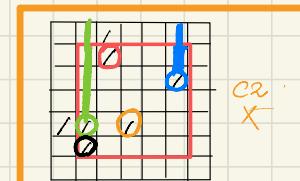
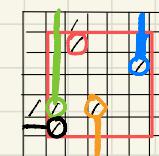
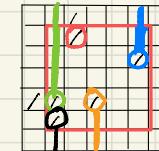
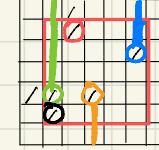
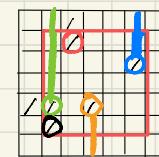
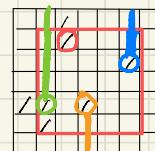
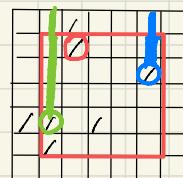
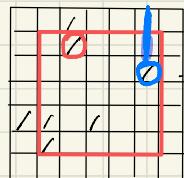
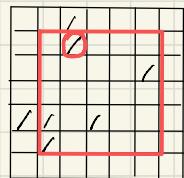
C4
L14



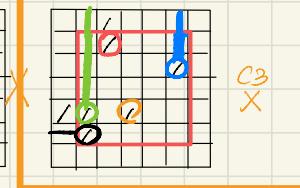
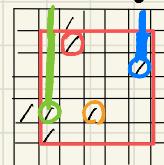
C4
L10

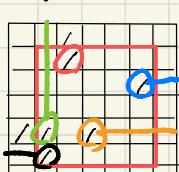
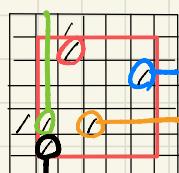
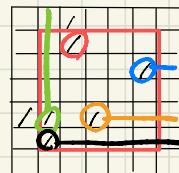
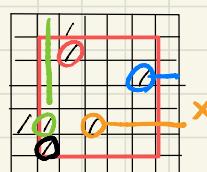
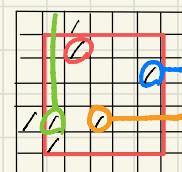
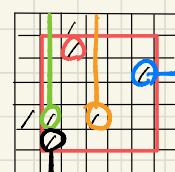
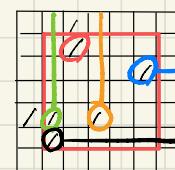
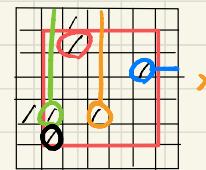
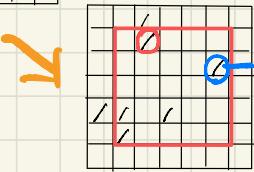
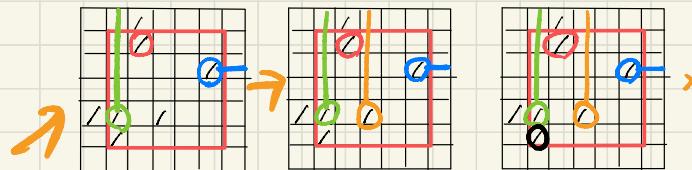
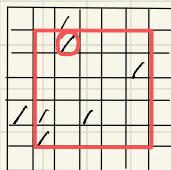


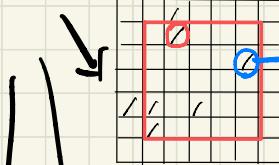
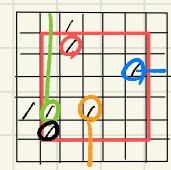
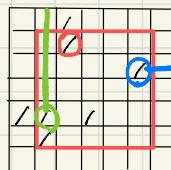
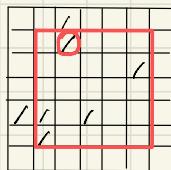
C4
L10



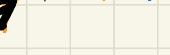
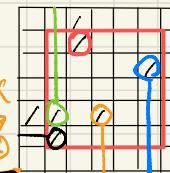
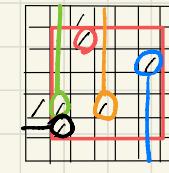
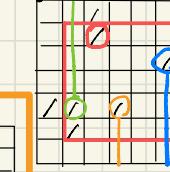
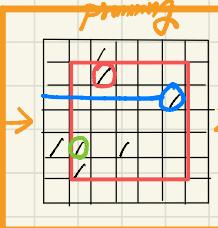
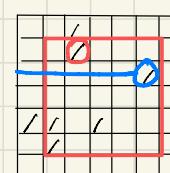
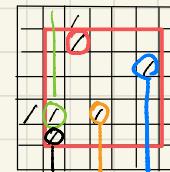
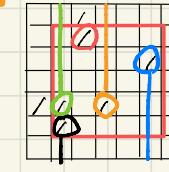
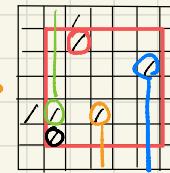
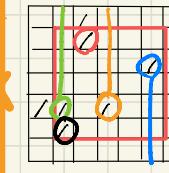
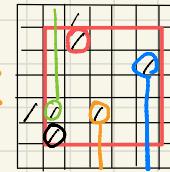
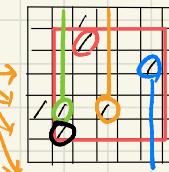
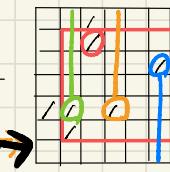
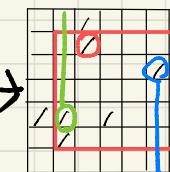
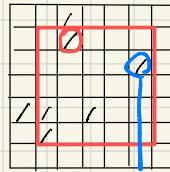
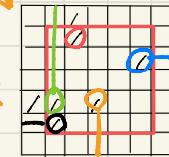
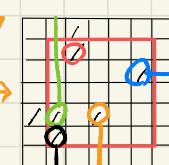
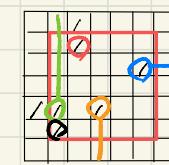
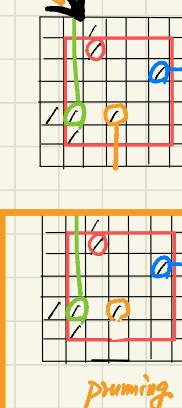
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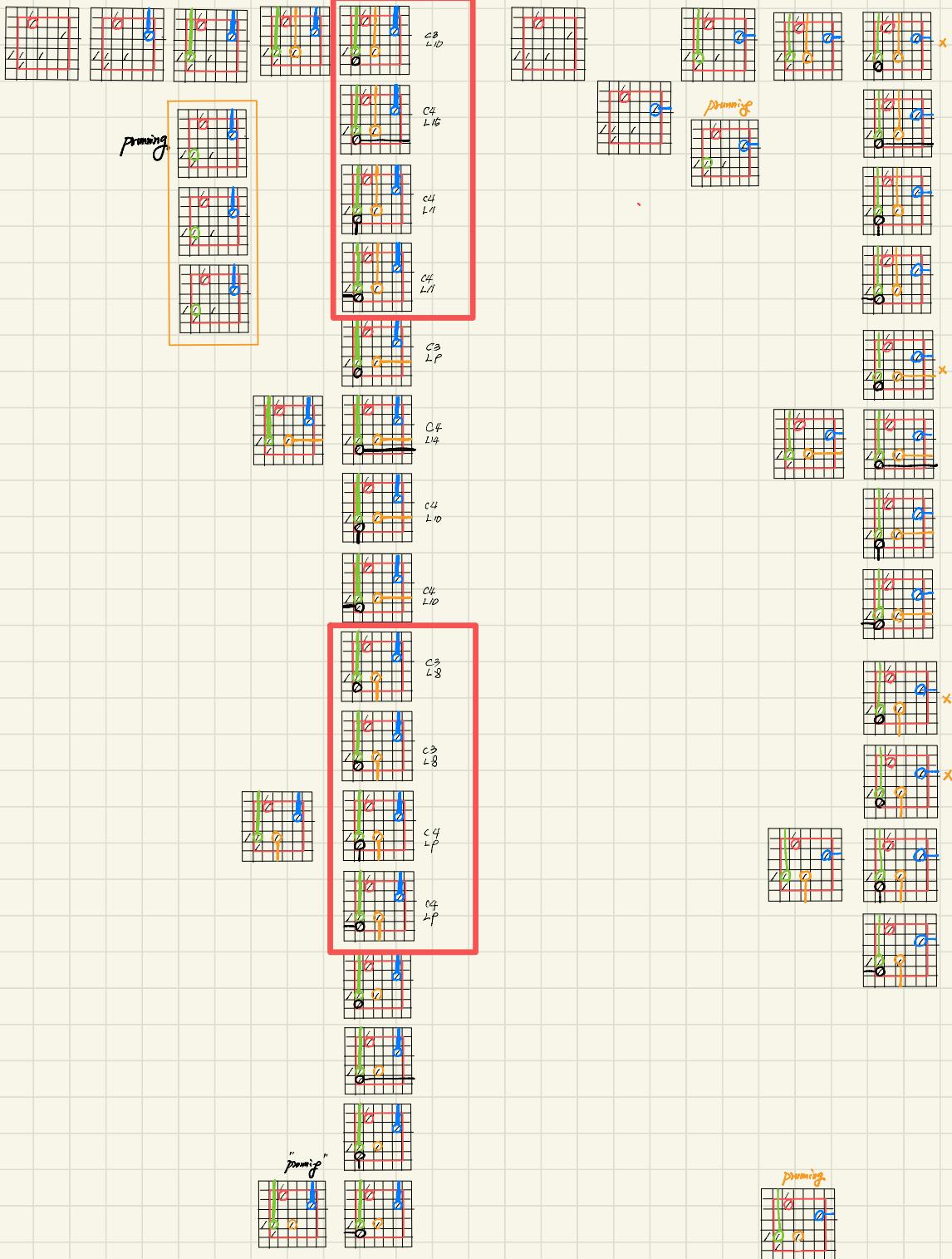


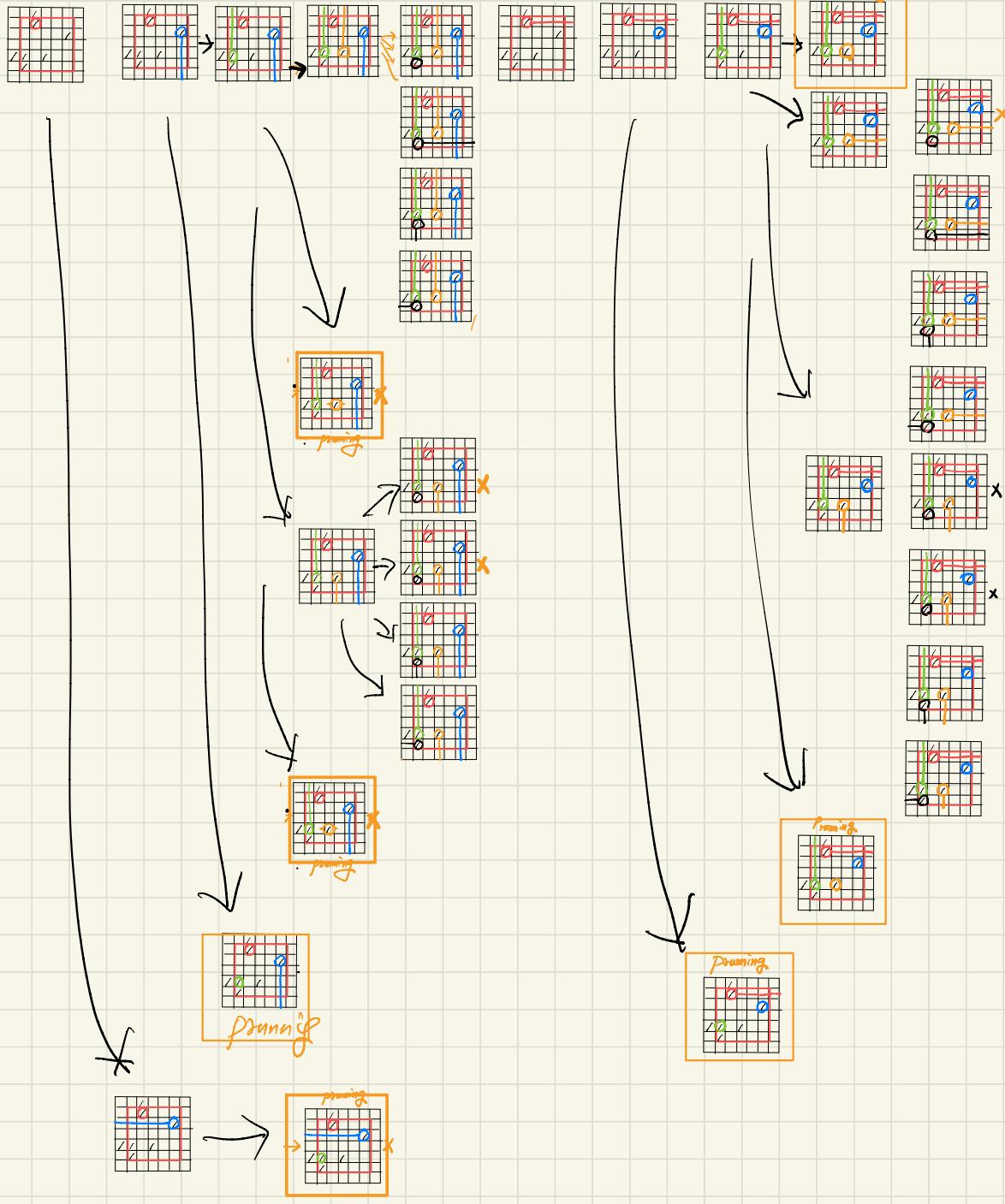


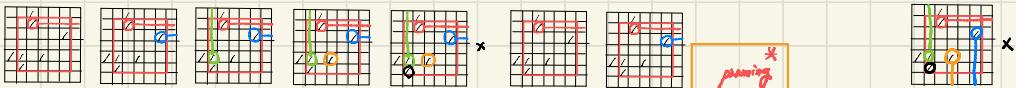


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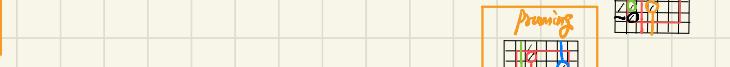
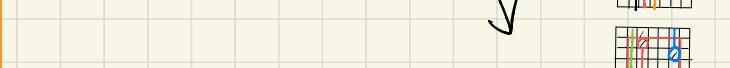
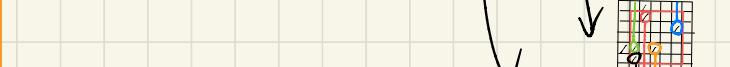
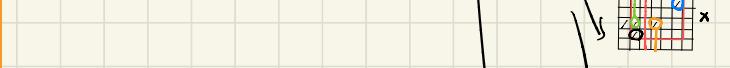
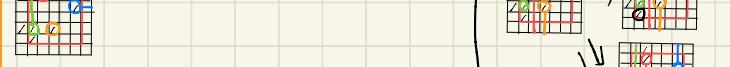
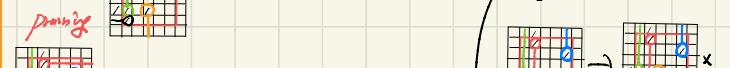
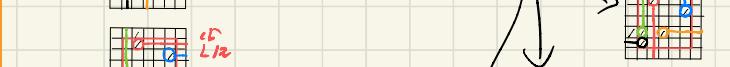
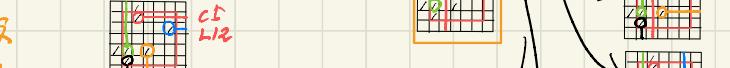
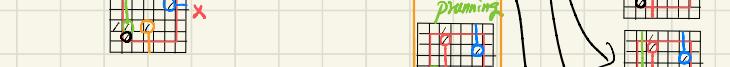
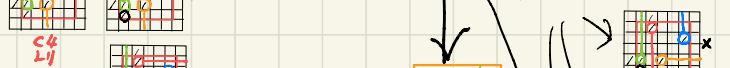
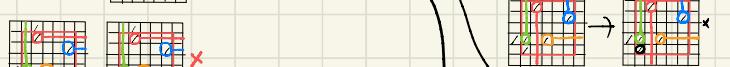
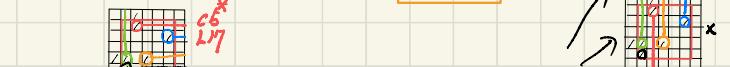
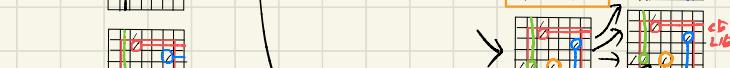






Pruning

Pruning

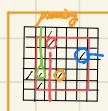


Pruning

Pruning

Pruning

Pruning



$$v_{\text{res}} = f_{\text{sp}}(l, \sigma)$$

$$\text{res} = \text{fsp}(\mathbf{n}, \mathbf{l}) + \text{reg}$$

$$\begin{aligned}
 & \text{res} = fsp(100, 3) + D[0][3] \quad \text{ADT} \\
 & \text{res} = fsp(100, 4) + D[1][4] \quad \text{ADT} \\
 & \text{res} = fsp(100, 1) + D[2][1] \quad \text{ADT} \\
 & \text{res} = fsp(100, 2) + D[3][2] \quad \text{ADT} \\
 & \text{res} = fsp(100, 0) + D[4][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 5) + D[5][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 6) + D[6][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 7) + D[7][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 8) + D[8][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 9) + D[9][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 10) + D[10][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 11) + D[11][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 12) + D[12][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 13) + D[13][0] \quad \text{ADT} \\
 & \text{res} = fsp(100, 14) + D[14][0] \quad \text{ADT}
 \end{aligned}$$

$$\text{P}[\delta_{12} \leq 0 | D_2] = 14$$

13 f(0), 4. 2. 3
100 / 111 801

$$D(S(P)) = 18 \quad \left(\begin{array}{l} \text{YES} \\ \text{NO} \end{array} \right) \quad f_{S(P)} = \pm \operatorname{sgn}(m_1, \dots, m_n)$$

A hand-drawn diagram of a graph on lined paper. The graph has six nodes labeled A through F. Node A is at the top left, B is at the top right, C is at the top center, D is at the bottom right, E is at the middle right, and F is at the bottom center. There are six edges connecting the nodes:

- Edge 1 connects A to B.
- Edge 2 connects A to C.
- Edge 3 connects A to D.
- Edge 4 connects B to C.
- Edge 5 connects C to E.
- Edge 6 connects D to E.

The edges are drawn with orange ink, and the edge labels are written in red ink.

The diagram illustrates two triangles, $\triangle ABC$ and $\triangle A'B'C'$. The vertices are arranged such that A and A' are at the top, B and B' are at the bottom left, and C and C' are at the bottom right. Several angles are labeled in red and orange:

- $\angle BAC = \angle B'A'C' = 90^\circ$
- $\angle A' = \angle A = 24^\circ$
- $\angle B' = \angle B = 55^\circ$
- $\angle C' = \angle C = 32^\circ$
- $\angle A'BC' = 10^\circ$
- $\angle A'CB' = 8^\circ$
- $\angle A'BA = 4^\circ$
- $\angle A'CA = 9^\circ$

$$res = \text{fsp}(A, \sigma)$$

$$f=0 \text{, } 1, g, f_{\infty}$$

$$f\text{sp}(\alpha, f) + DC[2] \xrightarrow{\alpha} f\text{sp}(\alpha, f) + DC[1] \xrightarrow{\alpha} f\text{sp}(\alpha, f) + DC[0]$$

$$\text{fsp}(\alpha, f) + \text{DCS}^{\text{f}}_I$$

$$\text{res} = \text{f3p1}(101, 2) + D2D1[2] \quad \boxed{17}$$

$$res = f_{\text{res}}(00001, f) + f(\sum_{i=1}^4 f_i) \quad \boxed{res = f_{\text{res}}(11001, 4)} \quad \boxed{f_{\text{res}} = f_{\text{res}}(11001, 4)}$$

$$f_{S^2} = f_{\text{GP}}(1111, 4) + \lambda \sum [f_{\text{GP}}(1111, 2) + f_{\text{GP}}(1111, 2)]$$

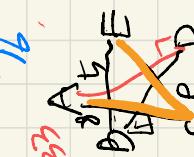
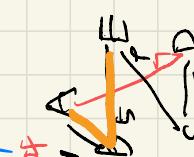
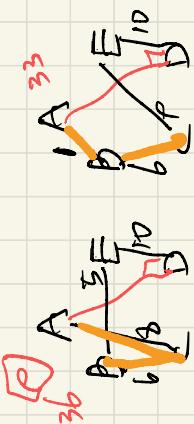
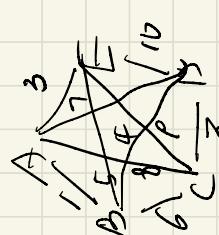
$$f_{\text{res}} = f_{\text{ref}}(C_{100}, 4) + f_{\text{SOI}}(A) \quad \boxed{f_{\text{res}} = f_{\text{ref}}(C_{100}, 2) + f_{\text{SOI}}(B)} \quad \boxed{f_{\text{res}} = f_{\text{ref}}(C_{100}, 2) + f_{\text{SOI}}(D)} = 7$$

$$f(32, 14) = f(32, 25) + f(14, 25)$$

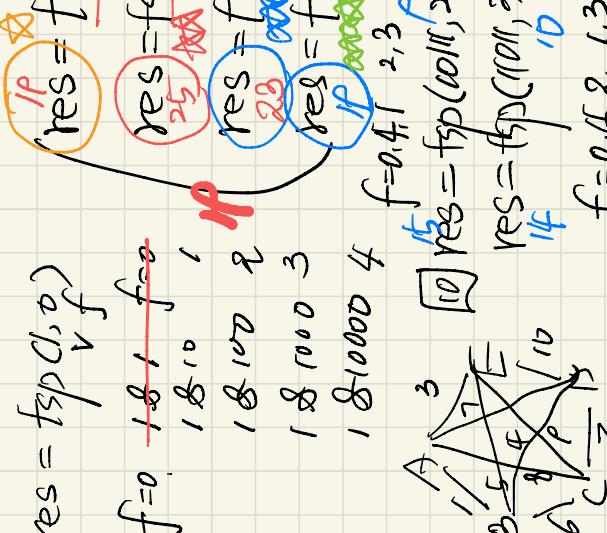
$$res = fsp((1111_2)) + D[4][2] + D[4][1] + E[B]A^6$$

$$x_{\text{eff}} = f_{\text{SO}}(m_{||}, \omega) + D \left[\frac{BC}{12} \right] \frac{6}{7} \left[2 + \frac{C_f}{2} \right]$$

$$= f_{\beta} \left(\frac{1}{16} \theta_1^{\beta} \right) + D \sum_{j=1}^4 \left[\theta_j^{\beta} \right]$$



$$\begin{aligned} &= \text{fsp}(n, f) + D[0][2][1] \\ &= \text{fsp}(101, x) + D[2][1][2] \\ &= \text{fsp}(100, x) + D[2][1][2] \\ &= \text{fsp}(100, 3) + D[2][1][2] \end{aligned}$$



$$f = 0,4 \sqrt{123} \quad y_{FS} = f_{SD}($$

$$\begin{aligned}
 \text{res} &= f_3(p)(111, 3) + p[111][3] + p[123][11] \\
 \text{res} &= f_3(p)(111, 2) + p[131][2] + p[121][11]
 \end{aligned}$$

$$\text{res} = \text{fqp}(\text{cmll}, 3) + D[17][3] + D[13][17]$$

$$\text{res} = \text{fqp}(\text{cmll}, 1) + D[3][17] + D[2][D[2]]$$

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$$\begin{aligned}
 & f_3(\rho_{00111}, 2) + D[1][22] + D[2][11] + D[1][11] \\
 & + D[2][22] + D[2][21] + D[2][12]
 \end{aligned}$$

$$[2] \quad p_{\text{res}} = f_5((r(0), 1) + D[3])$$

$$p_{\text{res}} = f_5((r(0), 2) + D[2])$$

