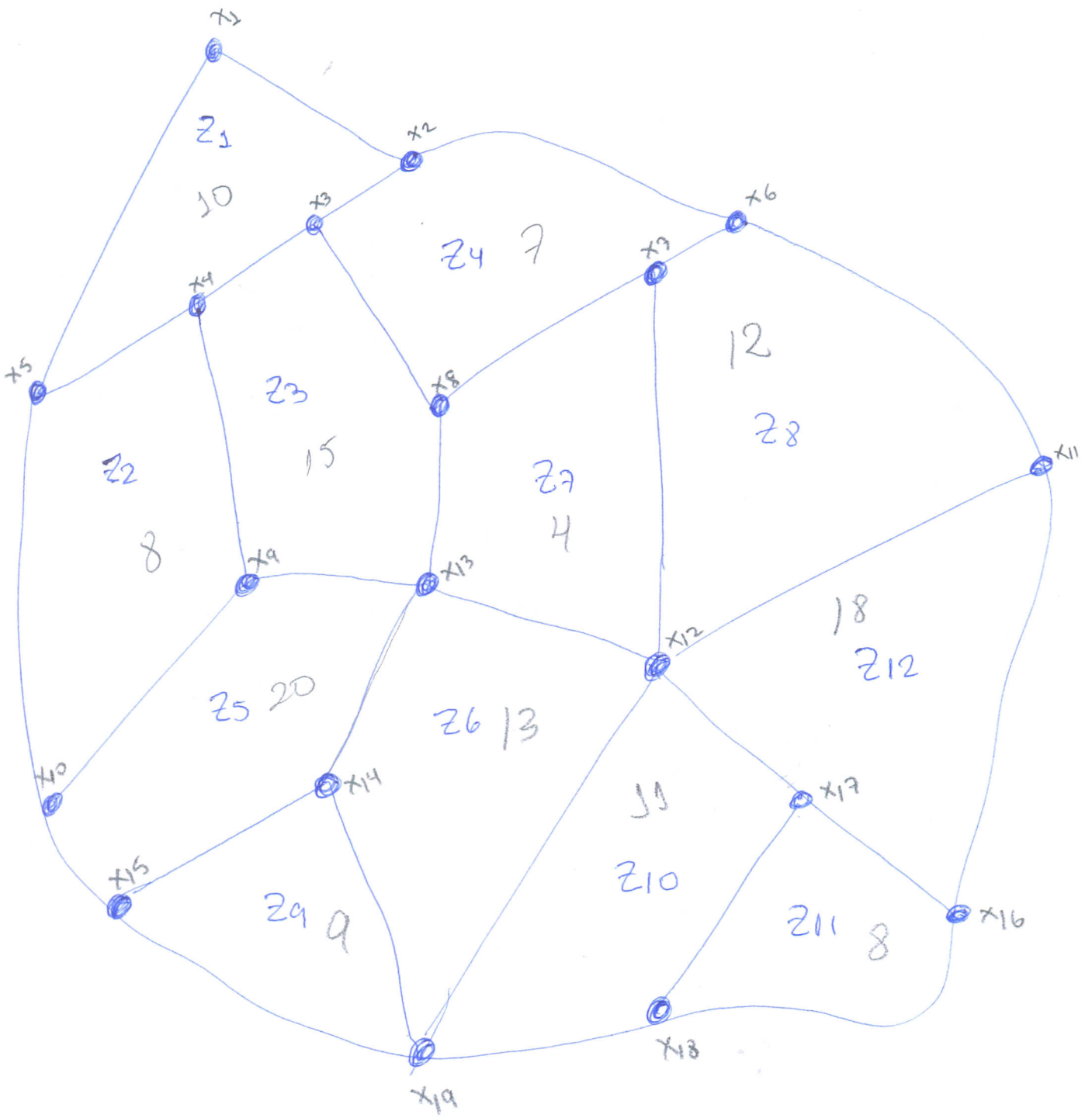
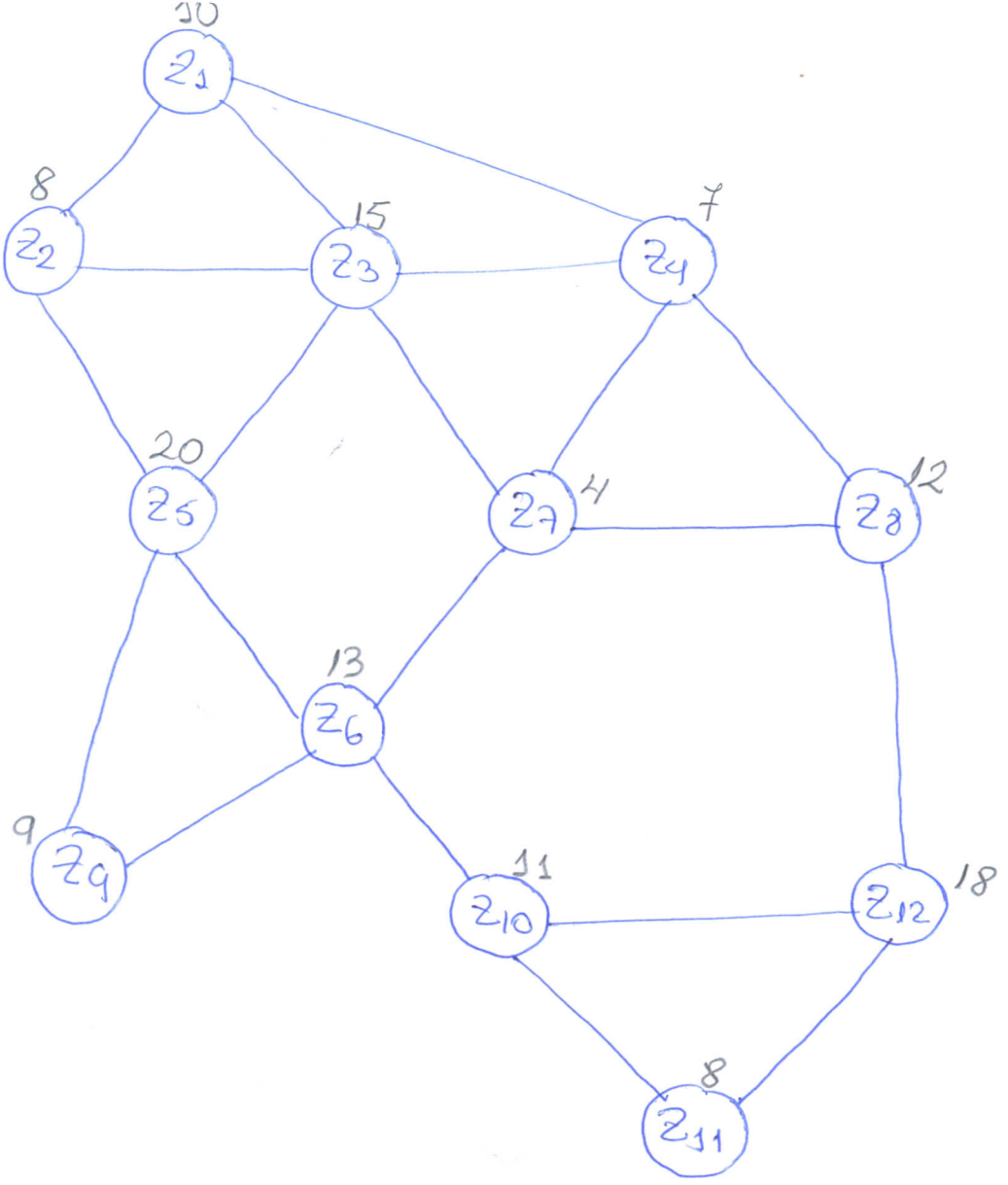

x1
x2
x3
x4
x5
x6
x7
x8
x9
x10
x11
x12
x13
x14
x15
x16
x17
x18
x19
z1
10
z2
8
z3
15
z4
7
z5
20
z6
13
z7
4
z8
12
z9
9
z10
11
z11
8
z12
18



genera solución:

1º genera aleatorio entre $\{z_1, .., z_{12}\}$

$P_1 = \{z_{11}\}$, → z_{11} es adyacente a $\{z_{10}, z_{12}\}$ elegir aleato-

$P_1 = \{z_{11}, z_{12}\}$ ~ z_{12} es adyacente a $\{z_8, z_{10}\}$ elegir aleat.

$P_1 = \{z_{11}, z_{12}, z_8\}$

º genera aleatorio entre $\{z_1, z_2, z_3, z_4, z_5, z_6, z_7, z_9, z_{10}\}$

$P_2 = \{z_1\}$ → z_1 es adyacente $\{z_2, z_3, z_4\}$ elegir aleatorio

$P_2 = \{z_1, z_3\}$ → z_3 es adyacente a $\{z_2, z_4, z_5, z_7\}$ elegir aleatorio

$P_2 = \{z_1, z_3, z_5\}$

3º gera aleatorio entre $\{z_2, z_4, z_6, z_7, z_9, z_{10}\}$

$P_3 = \{z_7\}$ → z_7 es adyacente a $\{z_4, z_6\}$ elegir alet.

$P_3 = \{z_7, z_6\}$ → z_6 es adyacente a $\{z_9, z_{10}\}$ elegir aleatorio

$P_3 = \{z_7, z_6, z_{10}\}$

4º gera aleatorio entre $\{z_2, z_4, z_9\}$

$P_4 = \{z_4\}$ → z_4 es adyacente $\{\}$ ⇒ $P_4 = \{\}$.

⇒ solución $\overline{P_1} = \{(z_{11}, z_{12}, z_8), (z_1, z_3, z_5), (z_7, z_6, z_{10}), \overline{(z_2, z_4, z_9)}\}$

$38 + 45 + 28 = 111$

$F(\overline{P_1}) = 111$ ↓

gera solución:

1º gera aleatorio entre $\{z_1, .., z_{12}\}$

$P_1 = \{z_7\}$ → z_7 es adyacente a $\{z_3, z_4, z_6, z_8\}$ elige aleat

$P_1 = \{z_7, z_4\}$ → z_4 es adyacente a $\{z_1, z_3, z_8\}$ elige aleatorio

$P_1 = \{z_7, z_4, z_3\}$

2º gera aleatorio $\{z_1, z_2, z_5, z_6, z_8, z_9, z_{10}, z_{11}, z_{12}\}$

$P_2 = \{z_{11}\}$ → z_{11} es adyacente a $\{z_{10}, z_{12}\}$ elige alet

$P_2 = \{z_{11}, z_{12}\}$ → z_{12} es adyacente a $\{z_{10}, z_8\}$ elige alet.

$P_2 = \{z_{11}, z_{12}, z_8\}$

3º gera aleatorio entre $\{z_1, z_2, z_5, z_6, z_9, z_{10}\}$

$P_3 = \{z_2\}$ → z_2 es adyacente a $\{z_1, z_5\}$ elige alet.

$P_3 = \{z_2, z_5\}$ → z_5 es adyacente a $\{z_2, z_6, z_9\}$ elige

$P_3 = \{z_2, z_5, z_9\}$

zotonio ...

$\{10\} \rightarrow z_{10}$ es adyacente a ...

$\{10, z_6\} \rightarrow z_6$ es adyacente a ...

$\{(z_7, z_4, z_3), (z_{11}, z_{12}, z_8), (z_2, z_5, z_9), \overline{(z_1, z_6, z_{10})}\}$

$26 + 38 + 37 = 101$

$F(\bar{P}_2) = 101$

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ión de dos puntos

$\bar{P}_3 = \{(z_7, z_4, z_3), (z_{11}, z_6, z_8), (z_2, z_5, z_9), \overline{(z_1, z_{12}, z_{10}}$

$26 + 0 + 37 \quad 0 = 6$

$F(\bar{P}_3) = 63$

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uzamiento:

$\bar{P}_2 = \{(z_7, z_4, z_3), (z_{11}, z_{12}, z_8), (z_2, z_5, z_9), \overline{(z_1, z_6, z_{10}}$

$\bar{P}_4 = \{(z_{11}, z_{12}, z_8), (z_1, z_3, z_5), (z_7, z_6, z_{10}), \overline{(z_2, z_4, z}$

$\Rightarrow \bar{P}_4 = \{\overline{(z_7, z_4, z_5)}, (z_{11}, z_{12}, z_8), \overline{(z_2, z_3, z_9)}, (\overline{z}$

$) (z_{11}, z_{12}, z_8), (z_1, z_5, z_3), (z_7, z_6, z_{10}), ($

... otras dos $\Rightarrow$ for