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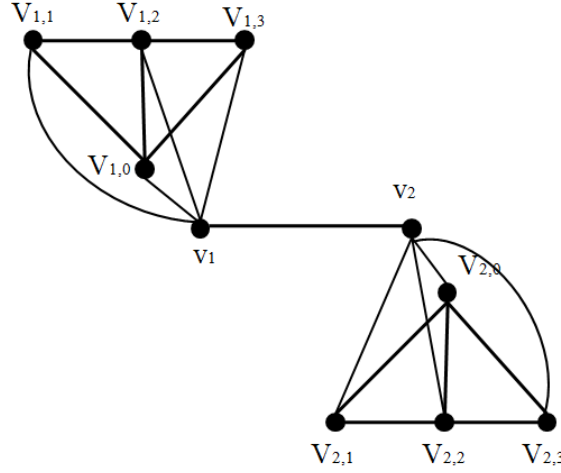
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2022.

## LAMPIRAN

### Proses Menghitung Diferensial Graf $P_2 \odot F_m$

- Untuk  $m = 3$ , graf  $P_2 \odot F_3$



Diketahui :

$$V(P_2 \odot F_3) = \{v_1, v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}\}$$

Pilih:

$$\begin{aligned} X_1 &= \{v_1\}, X_2 = \{v_{2,0}\}, X_3 = \{v_{2,1}\}, X_4 = \{v_{2,2}\}, X_5 = \{v_1, v_{2,0}\}, X_6 = \{v_1, v_{2,1}\}, \\ X_7 &= \{v_1, v_{2,2}\}, X_8 = \{v_{2,0}, v_{2,1}\}, X_9 = \{v_{2,0}, v_{2,2}\}, X_{10} = \{v_{2,1}, v_{2,2}\}, X_{11} = \{v_1, v_{2,0}, v_{2,1}\}, \\ X_{12} &= \{v_1, v_{2,0}, v_{2,2}\}, X_{13} = \{v_{2,0}, v_{2,1}, v_{2,2}\}, X_{14} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}\} \\ X_{15} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, X_{16} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,1}\}, \\ X_{17} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,2}\}, X_{18} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_2\}, \\ X_{19} &= \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_{1,2}\}, X_{20} = \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_2\} \\ X_{21} &= \{v_1, v_{2,0}, v_{1,0}, v_{1,1}, v_2\}, X_{22} = \{v_1, v_{2,0}, v_{1,1}, v_{1,2}, v_2\}, \\ X_{23} &= \{v_1, v_{2,1}, v_{1,0}, v_{1,1}, v_{1,2}\}, X_{24} = \{v_1, v_{2,1}, v_{1,0}, v_{1,1}, v_2\}, \\ X_{25} &= \{v_1, v_{2,1}, v_{1,1}, v_{1,2}, v_2\}, X_{26} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, \\ X_{27} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\}, X_{28} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, \\ X_{29} &= \{v_{2,0}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{30} = \{v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, \\ X_{31} &= \{v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, \\ X_{32} &= \{v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, X_{33} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, \end{aligned}$$

$$X_{34} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\},$$

$$X_{35} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, X_{36} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\},$$

$$X_{37} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{38} = \{v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\},$$

$$X_{39} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, X_{40} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\},$$

$$X_{41} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, X_{42} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\},$$

$$X_{43} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\},$$

$$X_{44} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2, v_{1,3}\}$$

Maka, tetangga dari masing-masing titik  $X_i$  untuk  $i = 1, 2, \dots, 44$  adalah

$$B(X_1) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2\}, B(X_2) = \{v_2, v_{2,1}, v_{2,2}, v_{2,3}\}, B(X_3) = \{v_2, v_{2,0}, v_{2,2}\}$$

$$B(X_4) = \{v_2, v_{2,0}, v_{2,1}, v_{2,3}\}, B(X_5) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,1}, v_{2,2}, v_{2,3}\},$$

$$B(X_6) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,0}, v_{2,2}\},$$

$$B(X_7) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\},$$

$$B(X_8) = \{v_2, v_{2,2}, v_{2,3}\}, B(X_9) = \{v_2, v_{2,1}, v_{2,3}\}, B(X_{10}) = \{v_2, v_{2,0}, v_{2,3}\},$$

$$B(X_{11}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,2}, v_{2,3}\}, B(X_{12}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,1}, v_{2,3}\}$$

$$B(X_{13}) = \{v_2, v_{2,3}\}, B(X_{14}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,3}\},$$

$$B(X_{15}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_2, v_{2,3}\}, B(X_{16}) = \{v_{1,0}, v_{1,2}, v_{1,3}, v_2, v_{2,3}\},$$

$$B(X_{17}) = \{v_{1,0}, v_{1,1}, v_{1,3}, v_2, v_{2,3}\}, B(X_{18}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{2,3}\}$$

$$B(X_{19}) = \{v_{1,1}, v_{1,3}, v_2, v_{2,1}, v_{2,3}\}, B(X_{20}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_{2,1}, v_{2,3}\},$$

$$B(X_{21}) = \{v_{1,2}, v_{1,3}, v_{2,1}, v_{2,2}, v_{2,3}\}, B(X_{22}) = \{v_{1,0}, v_{1,3}, v_{2,1}, v_{2,2}, v_{2,3}\},$$

$$B(X_{23}) = \{v_{1,3}, v_2, v_{2,0}, v_{2,2}\},$$

$$B(X_{24}) = \{v_{1,2}, v_{1,3}, v_{2,0}, v_{2,2}, v_{2,3}\}, B(X_{25}) = \{v_{1,0}, v_{1,3}, v_{2,0}, v_{2,2}, v_{2,3}\},$$

$$B(X_{26}) = \{v_{1,2}, v_{1,3}, v_1, v_2, v_{2,3}\}, B(X_{27}) = \{v_1, v_{1,1}, v_{1,3}, v_2, v_{2,3}\},$$

$$B(X_{28}) = \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{2,3}\}, B(X_{29}) = \{v_1, v_{1,2}, v_{1,3}, v_{2,1}, v_{2,3}\},$$

$$B(X_{30}) = \{v_1, v_{1,3}, v_2, v_{2,0}, v_{2,3}\}, B(X_{31}) = \{v_1, v_{1,2}, v_{1,3}, v_{2,0}, v_{2,3}\}$$

$$B(X_{32}) = \{v_1, v_{1,3}, v_{2,0}, v_{2,1}, v_{2,3}\}, B(X_{33}) = \{v_{1,2}, v_{1,3}, v_2, v_{2,3}\},$$

$$B(X_{34}) = \{v_{1,1}, v_{1,3}, v_2, v_{2,3}\}, B(X_{35}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_{2,3}\},$$

$$B(X_{36}) = \{v_1, v_{1,3}, v_2, v_{2,3}\}, B(X_{37}) = \{v_1, v_{1,2}, v_{1,3}, v_{2,3}\},$$

$$B(X_{38}) = \{v_1, v_{1,3}, v_{2,0}, v_{2,3}\}, B(X_{39}) = \{v_{1,3}, v_2, v_{2,3}\}, B(X_{40}) = \{v_{1,2}, v_{1,3}, v_{2,3}\},$$

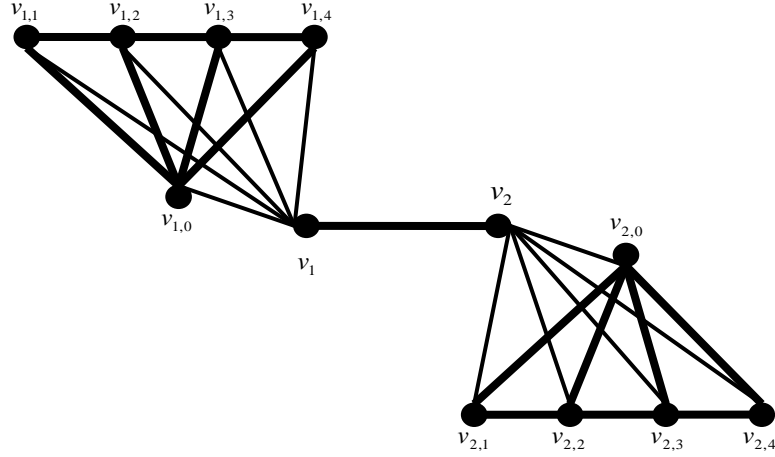
$$B(X_{41}) = \{v_1, v_{1,3}, v_{2,3}\}, B(X_{42}) = \{v_{1,3}, v_{2,3}\}, B(X_{43}) = \{v_{1,3}\}, B(X_{44}) = \{ \}.$$

Diperoleh:

$$\begin{aligned} \partial(X_1) &= |B(X_1)| - |X_1| = 5 - 1 = 4 & \partial(X_{26}) &= |B(X_{26})| - |X_{26}| = 5 - 5 = 0 \\ \partial(X_2) &= |B(X_2)| - |X_2| = 4 - 1 = 3 & \partial(X_{27}) &= |B(X_{27})| - |X_{27}| = 5 - 5 = 0 \\ \partial(X_3) &= |B(X_3)| - |X_3| = 3 - 1 = 2 & \partial(X_{28}) &= |B(X_{28})| - |X_{28}| = 5 - 5 = 0 \\ \partial(X_4) &= |B(X_4)| - |X_4| = 4 - 1 = 3 & \partial(X_{29}) &= |B(X_{29})| - |X_{29}| = 5 - 5 = 0 \\ \partial(X_5) &= |B(X_5)| - |X_5| = 8 - 2 = 6 & \partial(X_{30}) &= |B(X_{30})| - |X_{30}| = 5 - 5 = 0 \\ \partial(X_6) &= |B(X_6)| - |X_6| = 7 - 2 = 5 & \partial(X_{31}) &= |B(X_{31})| - |X_{31}| = 5 - 5 = 0 \\ \partial(X_7) &= |B(X_7)| - |X_7| = 8 - 2 = 6 & \partial(X_{32}) &= |B(X_{32})| - |X_{32}| = 5 - 5 = 0 \\ \partial(X_8) &= |B(X_8)| - |X_8| = 3 - 2 = 1 & \partial(X_{33}) &= |B(X_{33})| - |X_{33}| = 4 - 6 = -2 \\ \partial(X_9) &= |B(X_9)| - |X_9| = 3 - 2 = 1 & \partial(X_{34}) &= |B(X_{34})| - |X_{34}| = 4 - 6 = -2 \\ \partial(X_{10}) &= |B(X_{10})| - |X_{10}| = 3 - 2 = 1 & \partial(X_{35}) &= |B(X_{35})| - |X_{35}| = 4 - 6 = -2 \\ \partial(X_{11}) &= |B(X_{11})| - |X_{11}| = 7 - 3 = 4 & \partial(X_{36}) &= |B(X_{36})| - |X_{36}| = 4 - 6 = -2 \\ \partial(X_{12}) &= |B(X_{12})| - |X_{12}| = 7 - 3 = 4 & \partial(X_{37}) &= |B(X_{37})| - |X_{37}| = 4 - 6 = -2 \\ \partial(X_{13}) &= |B(X_{13})| - |X_{13}| = 2 - 3 = -1 & \partial(X_{38}) &= |B(X_{38})| - |X_{38}| = 4 - 6 = -2 \\ \partial(X_{14}) &= |B(X_{14})| - |X_{14}| = 6 - 4 = 2 & \partial(X_{39}) &= |B(X_{39})| - |X_{39}| = 3 - 7 = -4 \\ \partial(X_{15}) &= |B(X_{15})| - |X_{15}| = 5 - 5 = 0 & \partial(X_{40}) &= |B(X_{40})| - |X_{40}| = 3 - 7 = -4 \\ \partial(X_{16}) &= |B(X_{16})| - |X_{16}| = 5 - 5 = 0 & \partial(X_{41}) &= |B(X_{41})| - |X_{41}| = 3 - 7 = -4 \\ \partial(X_{17}) &= |B(X_{17})| - |X_{17}| = 5 - 5 = 0 & \partial(X_{42}) &= |B(X_{42})| - |X_{42}| = 2 - 8 = -6 \\ \partial(X_{18}) &= |B(X_{18})| - |X_{18}| = 5 - 5 = 0 & \partial(X_{43}) &= |B(X_{43})| - |X_{43}| = 1 - 9 = -8 \\ \partial(X_{19}) &= |B(X_{19})| - |X_{19}| = 5 - 5 = 0 & \partial(X_{44}) &= |B(X_{44})| - |X_{44}| = 0 - 10 = -10 \\ \partial(X_{20}) &= |B(X_{20})| - |X_{20}| = 5 - 5 = 0 \\ \partial(X_{21}) &= |B(X_{21})| - |X_{21}| = 5 - 5 = 0 \\ \partial(X_{22}) &= |B(X_{22})| - |X_{22}| = 5 - 5 = 0 \\ \partial(X_{23}) &= |B(X_{23})| - |X_{23}| = 4 - 5 = -1 \\ \partial(X_{24}) &= |B(X_{24})| - |X_{24}| = 5 - 5 = 0 \\ \partial(X_{25}) &= |B(X_{25})| - |X_{25}| = 5 - 5 = 0 \end{aligned}$$

Jadi,  $\partial(P_2 \odot F_3) = \max\{4, 3, 5, 2, 6, 1, 0, -1, -2, -4, -6, -8, -10\} = 6$

- Graf hasil operasi  $P_2 \odot F_m$  untuk  $m = 4$



Diketahui :

$$V(P_2 \odot F_4) = \{v_1, v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}$$

Pilih:

$$\begin{aligned} X_1 &= \{v_1\}, X_2 = \{v_{2,0}\}, X_3 = \{v_{2,1}\}, X_4 = \{v_{2,2}\}, X_5 = \{v_1, v_{2,0}\}, X_6 = \{v_1, v_{2,1}\}, \\ X_7 &= \{v_1, v_{2,2}\}, X_8 = \{v_{2,0}, v_{2,1}\}, X_9 = \{v_{2,0}, v_{2,2}\}, X_{10} = \{v_{2,1}, v_{2,2}\}, X_{11} = \{v_1, v_2\}, \\ X_{12} &= \{v_{1,0}, v_{2,0}\}, X_{13} = \{v_{1,1}, v_{2,4}\} \\ X_{14} &= \{v_{1,2}, v_{2,2}\}, X_{15} = \{v_1, v_{2,0}, v_{2,1}\}, X_{16} = \{v_1, v_{2,0}, v_{2,2}\}, X_{17} = \{v_1, v_{1,0}, v_{2,0}\}, \\ X_{18} &= \{v_1, v_{1,1}, v_{2,4}\}, X_{19} = \{v_1, v_2, v_{2,4}\}, X_{20} = \{v_1, v_2, v_{2,0}\}, X_{21} = \{v_1, v_2, v_{2,2}\}, \\ X_{22} &= \{v_{2,0}, v_{1,1}, v_{2,3}\}, X_{23} = \{v_1, v_{1,2}, v_{2,2}\}, X_{24} = \{v_2, v_{1,1}, v_{2,3}\}, \\ X_{25} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}\} \\ X_{26} &= \{v_2, v_{2,0}, v_{2,1}, v_{2,2}\}, X_{27} = \{v_1, v_{2,0}, v_{2,1}, v_{2,4}\}, X_{28} = \{v_2, v_{2,0}, v_{2,1}, v_{2,4}\}, \\ X_{29} &= \{v_1, v_{2,0}, v_{2,1}, v_{1,0}\}, X_{30} = \{v_1, v_{2,0}, v_{2,1}, v_{1,1}\}, X_{31} = \{v_1, v_{2,0}, v_{2,1}, v_{1,2}\}, \\ X_{32} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}\}, X_{33} = \{v_2, v_{2,0}, v_{2,1}, v_{1,0}\}, X_{34} = \{v_2, v_{2,0}, v_{2,1}, v_{1,1}\}, \\ X_{35} &= \{v_2, v_{2,0}, v_{2,1}, v_{1,2}\}, X_{36} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, X_{37} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,4}\}, \\ X_{38} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,3}\}, X_{39} = \{v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}\}, X_{40} = \{v_{2,1}, v_{2,2}, v_{2,3}, v_{1,1}\}, \\ X_{41} &= \{v_{2,2}, v_{2,3}, v_{2,4}, v_{1,3}\}, X_{42} = \{v_1, v_2, v_{2,0}, v_{1,0}\}, X_{43} = \{v_1, v_2, v_{2,4}, v_{1,1}\}, \\ X_{44} &= \{v_1, v_2, v_{2,2}, v_{1,3}\}, X_{45} = \{v_{1,1}, v_{2,4}, v_{2,0}, v_{1,0}\}, X_{46} = \{v_{1,1}, v_{2,4}, v_{2,3}, v_{1,2}\} \end{aligned}$$

$$\begin{aligned}
X_{47} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, X_{48} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,1}\}, \\
X_{49} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,2}\}, X_{50} = \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, \\
X_{51} &= \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,1}\}, X_{52} = \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,2}\}, \\
X_{53} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_2\}, X_{54} = \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{55} &= \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_2\}, X_{56} = \{v_2, v_{2,0}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{57} &= \{v_{2,0}, v_{1,0}, v_{2,1}, v_{1,4}, v_2\}, X_{58} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_2\} \\
X_{59} &= \{v_1, v_2, v_{2,1}, v_{1,4}, v_{2,0}\}, X_{60} = \{v_1, v_2, v_{2,2}, v_{1,3}, v_{2,0}\}, \\
X_{61} &= \{v_1, v_2, v_{2,0}, v_{1,0}, v_{2,1}\}, X_{62} = \{v_1, v_2, v_{2,1}, v_{1,4}, v_{2,2}\}, \\
X_{63} &= \{v_1, v_2, v_{2,2}, v_{1,3}, v_{2,1}\}, X_{64} = \{v_{1,0}, v_{2,0}, v_{2,1}, v_{1,4}, v_2\}, \\
X_{65} &= \{v_{1,0}, v_{2,0}, v_{2,3}, v_{1,2}, v_2\}, X_{66} = \{v_{1,1}, v_{2,1}, v_{2,3}, v_{1,2}, v_{2,2}\}, \\
X_{67} &= \{v_1, v_{2,0}, v_{1,0}, v_{1,1}, v_2\}, X_{68} = \{v_1, v_{2,1}, v_{2,4}, v_{1,1}, v_2\}, \\
X_{69} &= \{v_1, v_{2,1}, v_{1,1}, v_{1,0}, v_2\}, X_{70} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, \\
X_{71} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\}, X_{72} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, \\
X_{73} &= \{v_{2,0}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{74} = \{v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{75} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, X_{76} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{77} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, X_{78} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, \\
X_{79} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{80} = \{v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{81} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, X_{82} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, \\
X_{83} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, X_{84} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{85} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{86} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2, v_{1,3}\}
\end{aligned}$$

Maka, tetangga dari masing-masing titik  $X_i$  untuk  $i = 1, 2, \dots, 86$  adalah

$$\begin{aligned}
B(X_1) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2\}, B(X_2) = \{v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_3) &= \{v_2, v_{2,0}, v_{2,2}\}, \\
B(X_4) &= \{v_2, v_{2,0}, v_{2,1}, v_{2,3}\}, B(X_5) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_6) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,2}\},
\end{aligned}$$

$$\begin{aligned}
B(X_7) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\}, \\
B(X_8) &= \{v_2, v_{2,2}, v_{2,3}, v_{2,4}\}, B(X_9) = \{v_2, v_{2,1}, v_{2,3}, v_{2,4}\}, B(X_{10}) = \{v_2, v_{2,0}, v_{2,3}\}, \\
B(X_{11}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{12}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{13}) &= \{v_{1,0}, v_{1,2}, v_2, v_{2,0}, v_{2,3}\} B(X_{14}) = \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\}, \\
B(X_{15}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{16}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{17}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{18}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,3}\}, \\
B(X_{19}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}\}, \\
B(X_{20}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{21}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{22}) &= \{v_1, v_{1,0}, v_{1,2}, v_2, v_{2,1}, v_{2,2}, v_{2,4}\}, \\
B(X_{23}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\}, \\
B(X_{24}) &= \{v_1, v_{1,0}, v_{1,2}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,4}\}, \\
B(X_{25}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{26}) = \{v_1, v_{2,3}, v_{2,4}\}, \\
B(X_{27}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,2}, v_{2,3}\}, B(X_{28}) = \{v_1, v_{2,2}, v_{2,3}\}, \\
B(X_{29}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{30}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{31}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{32}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, \\
B(X_{33}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{34}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}\} \\
B(X_{35}) &= \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{36}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}\} \\
B(X_{37}) &= \{v_1, v_{1,0}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{38}) = \{v_1, v_{1,0}, v_{1,2}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, \\
B(X_{39}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,0}, v_{2,4}\}, B(X_{40}) = \{v_1, v_{1,0}, v_{1,2}, v_2, v_{2,0}, v_{2,4}\},
\end{aligned}$$



$$\begin{aligned}
B(X_{41}) &= \{v_1, v_{1,1}, v_{1,0}, v_{1,2}, v_{1,4}, v_2, v_{2,0}, v_{2,1}\}, \\
B(X_{42}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{43}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}\}, \\
B(X_{44}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{45}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}\}, B(X_{46}) = \{v_1, v_{1,0}, v_{1,3}, v_2, v_{2,0}, v_{2,2}\}, \\
B(X_{47}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{48}) = \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, \\
B(X_{49}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{50}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_1, v_{2,3}, v_{2,4}\}, \\
B(X_{51}) &= \{v_1, v_{1,0}, v_{1,2}, v_{2,3}, v_{2,4}\}, B(X_{52}) = \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_{2,3}, v_{2,4}\}, \\
B(X_{53}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, B(X_{54}) = \{v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{55}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{56}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{57}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{58}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, \\
B(X_{59}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{60}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{61}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{62}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{2,0}, v_{2,3}, v_{2,4}\}, \\
B(X_{63}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{2,0}, v_{2,3}, v_{2,4}\}, \\
B(X_{64}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{65}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,2}, v_{2,4}\}, \\
B(X_{66}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{2,0}, v_{2,3}, v_{2,4}\}, \\
B(X_{67}) &= \{v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{68}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,2}, v_{2,3}\}, \\
B(X_{69}) &= \{v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,2}, v_{2,3}, v_{2,4}\}, B(X_{70}) = \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, \\
B(X_{71}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{72}) = \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, \\
B(X_{73}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,3}, v_{2,4}\}, B(X_{74}) = \{v_1, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}\}, \\
B(X_{75}) &= \{v_{1,2}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{76}) = \{v_{1,1}, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\},
\end{aligned}$$

$$\begin{aligned}
B(X_{77}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, B(X_{78}) = \{v_1, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, \\
B(X_{79}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, B(X_{80}) = \{v_1, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,3}, v_{2,4}\}, \\
B(X_{81}) &= \{v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}\}, B(X_{82}) = \{v_{1,2}, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, \\
B(X_{83}) &= \{v_1, v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, \\
B(X_{84}) &= \{v_{1,3}, v_{1,4}, v_{2,3}, v_{2,4}\}, B(X_{85}) = \{v_{1,3}, v_{1,4}, v_{2,4}\}, B(X_{86}) = \{v_{1,4}, v_{2,4}\},
\end{aligned}$$

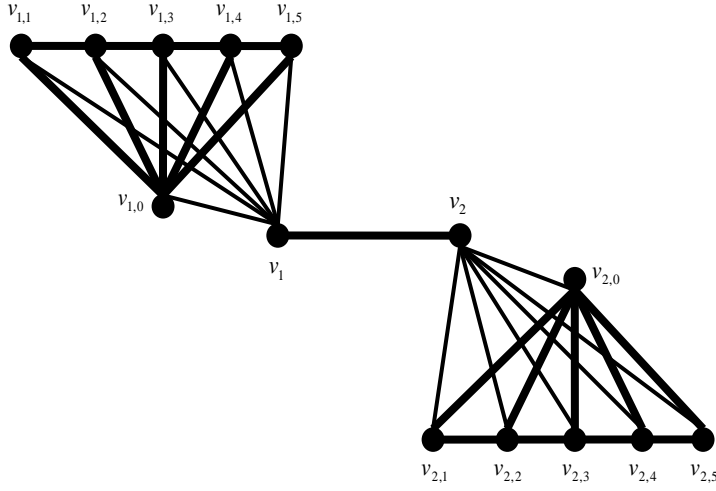
Diperoleh:

$$\begin{aligned}
\partial(X_1) &= |B(X_1)| - |X_1| = 6 - 1 = 5 & \partial(X_{21}) &= |B(X_{21})| - |X_{21}| = 9 - 3 = 6 \\
\partial(X_2) &= |B(X_2)| - |X_2| = 5 - 1 = 4 & \partial(X_{22}) &= |B(X_{22})| - |X_{22}| = 7 - 3 = 4 \\
\partial(X_3) &= |B(X_3)| - |X_3| = 3 - 1 = 2 & \partial(X_{23}) &= |B(X_{23})| - |X_{23}| = 8 - 3 = 5 \\
\partial(X_4) &= |B(X_4)| - |X_4| = 4 - 1 = 3 & \partial(X_{24}) &= |B(X_{24})| - |X_{24}| = 7 - 3 = 4 \\
\partial(X_5) &= |B(X_5)| - |X_5| = 10 - 2 = 10 & \partial(X_{25}) &= |B(X_{25})| - |X_{25}| = 8 - 4 = 4 \\
\partial(X_6) &= |B(X_6)| - |X_6| = 8 - 2 = 6 & \partial(X_{26}) &= |B(X_{26})| - |X_{26}| = 3 - 4 = -1 \\
\partial(X_7) &= |B(X_7)| - |X_7| = 9 - 2 = 7 & \partial(X_{27}) &= |B(X_{27})| - |X_{27}| = 8 - 4 = 4 \\
\partial(X_8) &= |B(X_8)| - |X_8| = 4 - 2 = 2 & \partial(X_{28}) &= |B(X_{28})| - |X_{28}| = 3 - 4 = -1 \\
\partial(X_9) &= |B(X_9)| - |X_9| = 4 - 2 = 2 & \partial(X_{29}) &= |B(X_{29})| - |X_{29}| = 8 - 4 = 4 \\
\partial(X_{10}) &= |B(X_{10})| - |X_{10}| = 3 - 2 = 1 & \partial(X_{30}) &= |B(X_{30})| - |X_{30}| = 8 - 4 = 4 \\
\partial(X_{11}) &= |B(X_{11})| - |X_{11}| = 10 - 2 = 8 & \partial(X_{31}) &= |B(X_{31})| - |X_{31}| = 8 - 4 = 4 \\
\partial(X_{12}) &= |B(X_{12})| - |X_{12}| = 10 - 2 = 8 & \partial(X_{32}) &= |B(X_{32})| - |X_{32}| = 8 - 4 = 4 \\
\partial(X_{13}) &= |B(X_{13})| - |X_{13}| = 5 - 2 = 3 & \partial(X_{33}) &= |B(X_{33})| - |X_{33}| = 8 - 4 = 4 \\
\partial(X_{14}) &= |B(X_{14})| - |X_{14}| = 8 - 2 = 6 & \partial(X_{34}) &= |B(X_{34})| - |X_{34}| = 8 - 4 = 4 \\
\partial(X_{15}) &= |B(X_{15})| - |X_{15}| = 9 - 3 = 6 & \partial(X_{35}) &= |B(X_{35})| - |X_{35}| = 7 - 4 = 3 \\
\partial(X_{16}) &= |B(X_{16})| - |X_{16}| = 9 - 3 = 6 & \partial(X_{36}) &= |B(X_{36})| - |X_{36}| = 8 - 4 = 4 \\
\partial(X_{17}) &= |B(X_{17})| - |X_{17}| = 9 - 3 = 6 & \partial(X_{37}) &= |B(X_{37})| - |X_{37}| = 6 - 4 = 2 \\
\partial(X_{18}) &= |B(X_{18})| - |X_{18}| = 7 - 3 = 4 & \partial(X_{38}) &= |B(X_{38})| - |X_{38}| = 7 - 4 = 3 \\
\partial(X_{19}) &= |B(X_{19})| - |X_{19}| = 9 - 3 = 6 & \partial(X_{39}) &= |B(X_{39})| - |X_{39}| = 8 - 4 = 4 \\
\partial(X_{20}) &= |B(X_{20})| - |X_{20}| = 9 - 3 = 6 & \partial(X_{40}) &= |B(X_{40})| - |X_{40}| = 6 - 4 = 2
\end{aligned}$$

$$\begin{aligned}
\partial(X_{41}) &= |B(X_{41})| - |X_{41}| = 8 - 4 = 4 & \partial(X_{64}) &= |B(X_{64})| - |X_{64}| = 7 - 5 = 2 \\
\partial(X_{42}) &= |B(X_{42})| - |X_{42}| = 8 - 4 = 4 & \partial(X_{65}) &= |B(X_{65})| - |X_{65}| = 7 - 5 = 2 \\
\partial(X_{43}) &= |B(X_{43})| - |X_{43}| = 8 - 4 = 4 & \partial(X_{66}) &= |B(X_{66})| - |X_{66}| = 7 - 5 = 2 \\
\partial(X_{44}) &= |B(X_{44})| - |X_{44}| = 8 - 4 = 4 & \partial(X_{67}) &= |B(X_{67})| - |X_{67}| = 7 - 5 = 2 \\
\partial(X_{45}) &= |B(X_{45})| - |X_{45}| = 8 - 4 = 4 & \partial(X_{68}) &= |B(X_{68})| - |X_{68}| = 7 - 5 = 2 \\
\partial(X_{46}) &= |B(X_{46})| - |X_{46}| = 6 - 4 = 2 & \partial(X_{69}) &= |B(X_{69})| - |X_{69}| = 7 - 5 = 2 \\
\partial(X_{47}) &= |B(X_{47})| - |X_{47}| = 7 - 5 = 2 & \partial(X_{70}) &= |B(X_{70})| - |X_{70}| = 7 - 4 = 3 \\
\partial(X_{48}) &= |B(X_{48})| - |X_{48}| = 7 - 5 = 2 & \partial(X_{71}) &= |B(X_{71})| - |X_{71}| = 7 - 5 = 2 \\
\partial(X_{49}) &= |B(X_{49})| - |X_{49}| = 7 - 5 = 2 & \partial(X_{72}) &= |B(X_{72})| - |X_{72}| = 7 - 5 = 2 \\
\partial(X_{50}) &= |B(X_{50})| - |X_{50}| = 7 - 5 = 2 & \partial(X_{73}) &= |B(X_{73})| - |X_{73}| = 7 - 5 = 2 \\
\partial(X_{51}) &= |B(X_{51})| - |X_{51}| = 5 - 5 = 0 & \partial(X_{74}) &= |B(X_{74})| - |X_{74}| = 7 - 5 = 2 \\
\partial(X_{52}) &= |B(X_{52})| - |X_{52}| = 6 - 5 = 1 & \partial(X_{75}) &= |B(X_{75})| - |X_{75}| = 6 - 6 = 0 \\
\partial(X_{53}) &= |B(X_{53})| - |X_{53}| = 7 - 5 = 2 & \partial(X_{76}) &= |B(X_{76})| - |X_{76}| = 6 - 6 = 0 \\
\partial(X_{54}) &= |B(X_{54})| - |X_{54}| = 7 - 5 = 2 & \partial(X_{77}) &= |B(X_{77})| - |X_{77}| = 6 - 6 = 0 \\
\partial(X_{55}) &= |B(X_{55})| - |X_{55}| = 7 - 5 = 2 & \partial(X_{78}) &= |B(X_{78})| - |X_{78}| = 6 - 6 = 0 \\
\partial(X_{56}) &= |B(X_{56})| - |X_{56}| = 7 - 5 = 2 & \partial(X_{79}) &= |B(X_{79})| - |X_{79}| = 6 - 6 = 0 \\
\partial(X_{57}) &= |B(X_{57})| - |X_{57}| = 7 - 5 = 2 & \partial(X_{80}) &= |B(X_{80})| - |X_{80}| = 6 - 6 = 0 \\
\partial(X_{58}) &= |B(X_{58})| - |X_{58}| = 7 - 5 = 2 & \partial(X_{81}) &= |B(X_{81})| - |X_{81}| = 5 - 7 = -2 \\
\partial(X_{59}) &= |B(X_{59})| - |X_{59}| = 7 - 5 = 2 & \partial(X_{82}) &= |B(X_{82})| - |X_{82}| = 5 - 7 = -2 \\
\partial(X_{60}) &= |B(X_{60})| - |X_{60}| = 7 - 5 = 2 & \partial(X_{83}) &= |B(X_{83})| - |X_{83}| = 5 - 7 = -2 \\
\partial(X_{61}) &= |B(X_{61})| - |X_{61}| = 7 - 5 = 2 & \partial(X_{84}) &= |B(X_{84})| - |X_{84}| = 4 - 8 = -4 \\
\partial(X_{62}) &= |B(X_{62})| - |X_{62}| = 7 - 5 = 2 & \partial(X_{85}) &= |B(X_{85})| - |X_{85}| = 3 - 9 = -6 \\
\partial(X_{63}) &= |B(X_{63})| - |X_{63}| = 7 - 5 = 2 & \partial(X_{86}) &= |B(X_{86})| - |X_{86}| = 2 - 10 = -8
\end{aligned}$$

Jadi,  $\partial(P_2 \odot F_4) = \max\{5, 4, 3, 8, 6, 2, 1, 7, -1, -2, -4, -6, -8\} = 8$

- Graf hasil operasi  $P_2 \odot F_m$  untuk  $m = 5$



Diketahui :

$$V(P_2 \odot F_5) = \{v_1, v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}$$

Pilih:

$$X_1 = \{v_1\}, X_2 = \{v_{2,0}\}, X_3 = \{v_{2,5}\}, X_4 = \{v_{2,2}\}, X_5 = \{v_1, v_{2,0}\}, X_6 = \{v_1, v_{2,1}\},$$

$$X_7 = \{v_1, v_{2,2}\}, X_8 = \{v_{2,0}, v_{2,5}\}, X_9 = \{v_{2,0}, v_{2,2}\}, X_{10} = \{v_{2,1}, v_{2,2}\},$$

$$X_{11} = \{v_1, v_2\}, X_{12} = \{v_{1,0}, v_{2,0}\}, X_{13} = \{v_{1,1}, v_{2,5}\}$$

$$X_{14} = \{v_{1,2}, v_{2,2}\}, X_{15} = \{v_1, v_{2,0}, v_{2,1}\}, X_{16} = \{v_1, v_{2,0}, v_{2,2}\}, X_{17} = \{v_1, v_{1,0}, v_{2,0}\},$$

$$X_{18} = \{v_1, v_{1,1}, v_{2,5}\}, X_{19} = \{v_1, v_2, v_{2,5}\}, X_{20} = \{v_1, v_2, v_{2,0}\}, X_{21} = \{v_1, v_2, v_{2,2}\},$$

$$X_{22} = \{v_{2,0}, v_{1,1}, v_{2,3}\}, X_{23} = \{v_1, v_{1,2}, v_{2,2}\}, X_{24} = \{v_2, v_{1,1}, v_{2,3}\},$$

$$X_{25} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}\}$$

$$X_{26} = \{v_2, v_{2,0}, v_{2,1}, v_{2,2}\}, X_{27} = \{v_1, v_{2,0}, v_{2,1}, v_{2,5}\}, X_{28} = \{v_2, v_{2,0}, v_{2,1}, v_{2,5}\},$$

$$X_{29} = \{v_1, v_{2,0}, v_{2,1}, v_{1,0}\}, X_{30} = \{v_1, v_{2,0}, v_{2,1}, v_{1,1}\}, X_{31} = \{v_1, v_{2,0}, v_{2,1}, v_{1,2}\},$$

$$X_{32} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}\}, X_{33} = \{v_2, v_{2,0}, v_{2,1}, v_{1,0}\}, X_{34} = \{v_2, v_{2,0}, v_{2,1}, v_{1,1}\},$$

$$X_{35} = \{v_2, v_{2,0}, v_{2,1}, v_{1,2}\}, X_{36} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, X_{37} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,5}\},$$

$$X_{38} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,3}\}, X_{39} = \{v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}\}, X_{40} = \{v_{2,1}, v_{2,2}, v_{2,3}, v_{1,1}\},$$

$$X_{41} = \{v_{2,2}, v_{2,3}, v_{2,5}, v_{1,3}\}, X_{42} = \{v_1, v_2, v_{2,0}, v_{1,0}\}, X_{43} = \{v_1, v_2, v_{2,5}, v_{1,1}\},$$

$$X_{44} = \{v_1, v_2, v_{2,2}, v_{1,3}\}, X_{45} = \{v_{1,1}, v_{2,5}, v_{2,0}, v_{1,0}\}, X_{46} = \{v_{1,1}, v_{2,5}, v_{2,3}, v_{1,2}\}$$

$$\begin{aligned}
X_{47} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, X_{48} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,1}\}, \\
X_{49} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,2}\}, X_{50} = \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}\}, \\
X_{51} &= \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,1}\}, X_{52} = \{v_2, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,2}\}, \\
X_{53} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_2\}, X_{54} = \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{55} &= \{v_1, v_{2,0}, v_{2,2}, v_{1,0}, v_2\}, X_{56} = \{v_2, v_{2,0}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{57} &= \{v_{2,0}, v_{1,0}, v_{2,1}, v_{1,5}, v_2\}, X_{58} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_2\} \\
X_{59} &= \{v_1, v_2, v_{2,1}, v_{1,5}, v_{2,0}\}, X_{60} = \{v_1, v_2, v_{2,2}, v_{1,3}, v_{2,0}\}, \\
X_{61} &= \{v_1, v_2, v_{2,0}, v_{1,0}, v_{2,1}\}, X_{62} = \{v_1, v_2, v_{2,1}, v_{1,5}, v_{2,2}\}, \\
X_{63} &= \{v_1, v_2, v_{2,2}, v_{1,3}, v_{2,1}\}, X_{64} = \{v_{1,0}, v_{2,0}, v_{2,1}, v_{1,5}, v_2\}, \\
X_{65} &= \{v_{1,0}, v_{2,0}, v_{2,3}, v_{1,2}, v_2\}, X_{66} = \{v_{1,1}, v_{2,1}, v_{2,3}, v_{1,2}, v_{2,2}\}, \\
X_{67} &= \{v_1, v_{2,0}, v_{1,0}, v_{1,1}, v_2\}, X_{68} = \{v_1, v_{2,1}, v_{2,5}, v_{1,1}, v_2\}, \\
X_{69} &= \{v_1, v_{2,1}, v_{1,1}, v_{1,0}, v_2\}, X_{70} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, \\
X_{71} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\}, X_{72} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, \\
X_{73} &= \{v_{2,0}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{74} = \{v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{75} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}\}, X_{76} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,2}\}, \\
X_{77} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_2\}, X_{78} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, \\
X_{79} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, X_{80} = \{v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{81} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_{1,5}\}, X_{82} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,5}\}, \\
X_{83} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_{1,5}, v_{2,5}\}, X_{84} = \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}\} \\
X_{85} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}\}, X_{86} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_2\}, \\
X_{87} &= \{v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, X_{88} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{89} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2\}, \\
X_{90} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_2, v_{1,3}\} \\
X_{91} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,4}, v_{1,3}\} \\
X_{92} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,4}, v_{1,1}, v_{1,2}, v_2, v_{1,3}\}, \\
X_{93} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,4}, v_{1,3}, v_{1,5}\} \\
X_{94} &= \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,4}, v_{1,3}, v_{2,5}\}
\end{aligned}$$

$$X_{95} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,4}, v_{1,3}, v_{1,4}, v_{2,5}\}$$

$$X_{96} = \{v_1, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{1,0}, v_{1,1}, v_{1,2}, v_{2,4}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,5}\}$$

Maka,

$$B(X_1) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2\}, B(X_2) = \{v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}$$

$$B(X_3) = \{v_2, v_{2,0}, v_{2,4}\}, B(X_4) = \{v_2, v_{2,0}, v_{2,1}, v_{2,3}\}$$

$$B(X_5) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}$$

$$B(X_6) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,2}\},$$

$$(X_7) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\},$$

$$B(X_8) = \{v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\},$$

$$B(X_9) = \{v_2, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, B(X_{10}) = \{v_2, v_{2,0}, v_{2,3}\},$$

$$B(X_{11}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{12}) = \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{13}) = \{v_1, v_{1,0}, v_{1,2}, v_2, v_{2,0}, v_{2,4}\}, B(X_{14}) = \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\},$$

$$B(X_{15}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{16}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{17}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{18}) = \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,4}\},$$

$$B(X_{19}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\},$$

$$B(X_{20}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\},$$

$$B(X_{21}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}\},$$

$$B(X_{22}) = \{v_1, v_{1,0}, v_{1,2}, v_2, v_{2,1}, v_{2,2}, v_{2,4}\},$$

$$B(X_{23}) = \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,1}, v_{2,3}\},$$

$$B(X_{24}) = \{v_1, v_{1,0}, v_{1,2}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,4}\},$$

$$B(X_{25}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, B(X_{26}) = \{v_1, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{27}) = \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,2}, v_{2,3}, v_{2,4}\},$$

$$B(X_{28}) = \{v_1, v_{2,2}, v_{2,3}, v_{2,4}\},$$

$$\begin{aligned}
B(X_{29}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{30}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{31}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{32}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{33}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{34}) &= \{v_1, v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{35}) &= \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{36}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{37}) &= \{v_1, v_{1,0}, v_{1,4}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{38}) &= \{v_1, v_{1,0}, v_{1,2}, v_{1,4}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{39}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,0}, v_{2,4}\}, \\
B(X_{40}) &= \{v_1, v_{1,0}, v_{1,2}, v_2, v_{2,0}, v_{2,4}\}, B(X_{41}) = \{v_1, v_{1,0}, v_{1,2}, v_{1,4}, v_2, v_{2,0}, v_{2,1}, v_{2,4}\}, \\
B(X_{42}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{43}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{44}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{45}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{46}) &= \{v_1, v_{1,0}, v_{1,3}, v_2, v_{2,0}, v_{2,2}, v_{2,4}\}, \\
B(X_{47}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{48}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{49}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{50}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{51}) &= \{v_1, v_{1,0}, v_{1,2}, v_{2,3}, v_{2,4}, v_{2,5}\},
\end{aligned}$$

$$\begin{aligned}
B(X_{52}) &= \{v_1, v_{1,0}, v_{1,1}, v_{1,3}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{53}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{54}) &= \{v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{55}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{56}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{57}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{58}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{59}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{60}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{61}) &= \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{62}) &= \{v_{1,0}, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,0}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{63}) &= \{v_{1,0}, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{64}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{65}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,2}, v_{2,4}, v_{2,5}\}, \\
B(X_{66}) &= \{v_1, v_{1,0}, v_{1,3}, v_2, v_{2,0}, v_{2,4}\}, \\
B(X_{67}) &= \{v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{68}) &= \{v_{1,0}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,2}, v_{2,3}, v_{2,4}\}, \\
B(X_{69}) &= \{v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,2}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{70}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{71}) &= \{v_1, v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{72}) &= \{v_1, v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\}, \\
B(X_{73}) &= \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\},
\end{aligned}$$



$$B(X_{74}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,1}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{75}) = \{v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{76}) = \{v_{1,1}, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{77}) = \{v_{1,1}, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{78}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{79}) = \{v_1, v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{80}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,0}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{81}) = \{v_1, v_{1,3}, v_{1,4}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{82}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}\}, B(X_{83}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}\},$$

$$B(X_{84}) = \{v_1, v_{1,2}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\}, B(X_{85}) = \{v_{1,3}, v_{1,4}, v_{1,5}, v_2, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{86}) = \{v_{1,2}, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{87}) = \{v_1, v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\},$$

$$B(X_{88}) = \{v_{1,3}, v_{1,4}, v_{1,5}, v_{2,3}, v_{2,4}, v_{2,5}\}, B(X_{89}) = \{v_{1,3}, v_{1,4}, v_{1,5}, v_{2,4}, v_{2,5}\},$$

$$B(X_{90}) = \{v_{1,4}, v_{1,5}, v_{2,4}, v_{2,5}\}, B(X_{91}) = \{v_{1,4}, v_{1,5}, v_2, v_{2,5}\},$$

$$B(X_{92}) = \{v_{1,0}, v_{1,5}, v_{2,4}, v_{2,5}\},$$

$$B(X_{93}) = \{v_{1,4}, v_2, v_{2,5}\}, B(X_{94}) = \{v_{1,4}, v_{1,5}, v_2\}, B(X_{95}) = \{v_{1,5}, v_2\}, B(X_{96}) = \{v_2\}$$

Diperoleh:

$$\partial(X_1) = |B(X_1)| - |X_1| = 7 - 1 = 6$$

$$\partial(X_6) = |B(X_6)| - |X_6| = 9 - 2 = 7$$

$$\partial(X_2) = |B(X_2)| - |X_2| = 6 - 1 = 5$$

$$\partial(X_7) = |B(X_7)| - |X_7| = 10 - 2 = 8$$

$$\partial(X_3) = |B(X_3)| - |X_3| = 3 - 1 = 2$$

$$\partial(X_8) = |B(X_8)| - |X_8| = 5 - 2 = 3$$

$$\partial(X_4) = |B(X_4)| - |X_4| = 4 - 1 = 3$$

$$\partial(X_9) = |B(X_9)| - |X_9| = 5 - 2 = 3$$

$$\partial(X_5) = |B(X_5)| - |X_5| = 12 - 2 = 10$$

$$\partial(X_{10}) = |B(X_{10})| - |X_{10}| = 3 - 2 = 1$$

$$\begin{aligned}
\partial(X_{11}) &= |B(X_{11})| - |X_{11}| = 12 - 2 = 10 & \partial(X_{41}) &= |B(X_{41})| - |X_{41}| = 8 - 4 = 4 \\
\partial(X_{12}) &= |B(X_{12})| - |X_{12}| = 12 - 2 = 10 & \partial(X_{42}) &= |B(X_{42})| - |X_{42}| = 10 - 4 = 6 \\
\partial(X_{13}) &= |B(X_{13})| - |X_{13}| = 6 - 2 = 4 & \partial(X_{43}) &= |B(X_{43})| - |X_{43}| = 10 - 4 = 6 \\
\partial(X_{14}) &= |B(X_{14})| - |X_{14}| = 8 - 2 = 6 & \partial(X_{44}) &= |B(X_{44})| - |X_{44}| = 10 - 4 = 6 \\
\partial(X_{15}) &= |B(X_{15})| - |X_{15}| = 11 - 3 = 8 & \partial(X_{45}) &= |B(X_{45})| - |X_{45}| = 10 - 4 = 6 \\
\partial(X_{16}) &= |B(X_{16})| - |X_{16}| = 11 - 3 = 8 & \partial(X_{46}) &= |B(X_{46})| - |X_{46}| = 7 - 4 = 3 \\
\partial(X_{17}) &= |B(X_{17})| - |X_{17}| = 11 - 3 = 8 & \partial(X_{47}) &= |B(X_{47})| - |X_{47}| = 9 - 5 = 4 \\
\partial(X_{18}) &= |B(X_{18})| - |X_{18}| = 8 - 3 = 5 & \partial(X_{48}) &= |B(X_{48})| - |X_{48}| = 9 - 5 = 4 \\
\partial(X_{19}) &= |B(X_{19})| - |X_{19}| = 11 - 3 = 8 & \partial(X_{49}) &= |B(X_{49})| - |X_{49}| = 9 - 5 = 4 \\
\partial(X_{20}) &= |B(X_{20})| - |X_{20}| = 9 - 3 = 6 & \partial(X_{50}) &= |B(X_{50})| - |X_{50}| = 9 - 5 = 4 \\
\partial(X_{21}) &= |B(X_{21})| - |X_{21}| = 9 - 3 = 6 & \partial(X_{51}) &= |B(X_{51})| - |X_{51}| = 6 - 5 = 1 \\
\partial(X_{22}) &= |B(X_{22})| - |X_{22}| = 7 - 3 = 4 & \partial(X_{52}) &= |B(X_{52})| - |X_{52}| = 7 - 5 = 2 \\
\partial(X_{23}) &= |B(X_{23})| - |X_{23}| = 9 - 3 = 6 & \partial(X_{53}) &= |B(X_{53})| - |X_{53}| = 9 - 5 = 4 \\
\partial(X_{24}) &= |B(X_{24})| - |X_{24}| = 7 - 3 = 4 & \partial(X_{54}) &= |B(X_{54})| - |X_{54}| = 9 - 5 = 4 \\
\partial(X_{25}) &= |B(X_{25})| - |X_{25}| = 10 - 4 = 6 & \partial(X_{55}) &= |B(X_{55})| - |X_{55}| = 9 - 5 = 4 \\
\partial(X_{26}) &= |B(X_{26})| - |X_{26}| = 4 - 4 = 0 & \partial(X_{56}) &= |B(X_{56})| - |X_{56}| = 9 - 5 = 4 \\
\partial(X_{27}) &= |B(X_{27})| - |X_{27}| = 10 - 4 = 6 & \partial(X_{57}) &= |B(X_{57})| - |X_{57}| = 9 - 5 = 4 \\
\partial(X_{28}) &= |B(X_{28})| - |X_{28}| = 4 - 4 = 0 & \partial(X_{58}) &= |B(X_{58})| - |X_{58}| = 9 - 5 = 4 \\
\partial(X_{29}) &= |B(X_{29})| - |X_{29}| = 10 - 4 = 6 & \partial(X_{59}) &= |B(X_{59})| - |X_{59}| = 9 - 5 = 4 \\
\partial(X_{30}) &= |B(X_{30})| - |X_{30}| = 10 - 4 = 6 & \partial(X_{60}) &= |B(X_{60})| - |X_{60}| = 9 - 5 = 4 \\
\partial(X_{31}) &= |B(X_{31})| - |X_{31}| = 10 - 4 = 6 & \partial(X_{61}) &= |B(X_{61})| - |X_{61}| = 9 - 5 = 4 \\
\partial(X_{32}) &= |B(X_{32})| - |X_{32}| = 10 - 4 = 6 & \partial(X_{62}) &= |B(X_{62})| - |X_{62}| = 9 - 5 = 4 \\
\partial(X_{33}) &= |B(X_{33})| - |X_{33}| = 10 - 4 = 6 & \partial(X_{63}) &= |B(X_{63})| - |X_{63}| = 9 - 5 = 4 \\
\partial(X_{34}) &= |B(X_{34})| - |X_{34}| = 10 - 4 = 6 & \partial(X_{64}) &= |B(X_{64})| - |X_{64}| = 9 - 5 = 4 \\
\partial(X_{35}) &= |B(X_{35})| - |X_{35}| = 8 - 4 = 4 & \partial(X_{65}) &= |B(X_{65})| - |X_{65}| = 9 - 5 = 4 \\
\partial(X_{36}) &= |B(X_{36})| - |X_{36}| = 10 - 4 = 6 & \partial(X_{66}) &= |B(X_{66})| - |X_{66}| = 6 - 5 = 1 \\
\partial(X_{37}) &= |B(X_{37})| - |X_{37}| = 7 - 4 = 3 & \partial(X_{67}) &= |B(X_{67})| - |X_{67}| = 9 - 5 = 4 \\
\partial(X_{38}) &= |B(X_{38})| - |X_{38}| = 8 - 4 = 4 & \partial(X_{68}) &= |B(X_{68})| - |X_{68}| = 9 - 5 = 4 \\
\partial(X_{39}) &= |B(X_{39})| - |X_{39}| = 9 - 4 = 5 & \partial(X_{69}) &= |B(X_{69})| - |X_{69}| = 9 - 5 = 4 \\
\partial(X_{40}) &= |B(X_{40})| - |X_{40}| = 6 - 4 = 2 & \partial(X_{70}) &= |B(X_{70})| - |X_{70}| = 9 - 5 = 4
\end{aligned}$$

$$\begin{aligned}
\partial(X_{71}) &= |B(X_{71})| - |X_{71}| = 9 - 5 = 4 & \partial(X_{86}) &= |B(X_{86})| - |X_{86}| = 7 - 7 = 0 \\
\partial(X_{72}) &= |B(X_{72})| - |X_{72}| = 9 - 5 = 4 & \partial(X_{87}) &= |B(X_{87})| - |X_{87}| = 7 - 7 = 0 \\
\partial(X_{73}) &= |B(X_{73})| - |X_{73}| = 9 - 5 = 4 & \partial(X_{88}) &= |B(X_{88})| - |X_{88}| = 6 - 8 = -2 \\
\partial(X_{74}) &= |B(X_{74})| - |X_{74}| = 9 - 5 = 4 & \partial(X_{89}) &= |B(X_{89})| - |X_{89}| = 5 - 9 = -4 \\
\partial(X_{75}) &= |B(X_{75})| - |X_{75}| = 8 - 6 = 2 & \partial(X_{90}) &= |B(X_{90})| - |X_{90}| = 4 - 10 = -6 \\
\partial(X_{76}) &= |B(X_{76})| - |X_{76}| = 8 - 6 = 2 & \partial(X_{91}) &= |B(X_{91})| - |X_{91}| = 4 - 10 = -6 \\
\partial(X_{77}) &= |B(X_{77})| - |X_{77}| = 8 - 6 = 2 & \partial(X_{92}) &= |B(X_{92})| - |X_{92}| = 4 - 10 = -6 \\
\partial(X_{78}) &= |B(X_{78})| - |X_{78}| = 8 - 6 = 2 & \partial(X_{93}) &= |B(X_{93})| - |X_{93}| = 3 - 11 = -8 \\
\partial(X_{79}) &= |B(X_{79})| - |X_{79}| = 8 - 6 = 2 & \partial(X_{94}) &= |B(X_{94})| - |X_{94}| = 3 - 11 = -8 \\
\partial(X_{80}) &= |B(X_{80})| - |X_{80}| = 8 - 6 = 2 & \partial(X_{95}) &= |B(X_{95})| - |X_{95}| = 2 - 12 = -10 \\
\partial(X_{81}) &= |B(X_{81})| - |X_{81}| = 7 - 7 = 0 & \partial(X_{96}) &= |B(X_{96})| - |X_{96}| = 1 - 13 = -12 \\
\partial(X_{82}) &= |B(X_{82})| - |X_{82}| = 7 - 7 = 0 & & \\
\partial(X_{83}) &= |B(X_{83})| - |X_{83}| = 7 - 8 = -1 & & \\
\partial(X_{84}) &= |B(X_{84})| - |X_{84}| = 7 - 7 = 0 & & \\
\partial(X_{85}) &= |B(X_{85})| - |X_{85}| = 7 - 7 = 0 & &
\end{aligned}$$

Jadi,  $\partial(P_2 \odot F_5) = \max\{6, 2, 5, 3, 10, 7, 8, 1, 4, 0, -1, -2, -4, -6, -8, -10, -12\} = 10$