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Neutrosophic Messy-Style SuperHyperGraphs To Form Neutrosophic SuperHyperStable To Act on Cancer's Neutrosophic Recognitions In Special ViewPoints

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Abstract

in this research, new setting is introduced for new SuperHyperNotion, namely, Neutrosophic SuperHyperStable. In this research article, there are some research segments for "Neutrosophic SuperHyperStable" about some researches on neutrosophic SuperHyperStable. With researches on the basic properties, the research article starts to make neutrosophic SuperHyperStable theory more understandable. Assume a neutrosophic SuperHyperGraph. Then a "neutrosophic SuperHyperStable" $\mathcal{I}_n(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. A basic familiarity with SuperHyperGraph theory and neutrosophic SuperHyperGraph theory are proposed.

Keywords: Neutrosophic SuperHyperGraph, Neutrosophic SuperHyperStable, Cancer's Neutrosophic Recognition

AMS Subject Classification: 05C17, 05C22, 05E45

1 Background

Look at [1–21] for some researches.

2 Neutrosophic SuperHyperStable

Assume a neutrosophic SuperHyperGraph. Then a "neutrosophic SuperHyperStable" $\mathcal{I}_n(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common.

Example 2.1. Assume the neutrosophic SuperHyperGraphs in the Figures (1), (2), (3), (4), (5), (6), (7), (8), (9), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), and (20).

- On the Figure (1), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. E_1 and E_3 neutrosophic SuperHyperStable are some empty neutrosophic SuperHyperEdges but E_2 is a loop neutrosophic

SuperHyperEdge and E_4 is an neutrosophic SuperHyperEdge. Thus in the terms of SuperHyperNeighbor, there's only one neutrosophic SuperHyperEdge, namely, E_4 . The neutrosophic SuperHyperVertex, V_3 is isolated means that there's no neutrosophic SuperHyperEdge has it as an endpoint. Thus neutrosophic SuperHyperVertex, V_3 , is contained in every given neutrosophic SuperHyperStable. All the following neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices are the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable.

$$\{V_3, V_1\}$$

$$\{V_3, V_2\}$$

$$\{V_3, V_4\}$$

The neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are corresponded to a neutrosophic SuperHyperStable $\mathcal{I}(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex. But the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, don't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **are** up. To sum them up, the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, **are** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are corresponded to a neutrosophic SuperHyperStable $\mathcal{I}(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is the neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** they are corresponded to a **neutrosophic SuperHyperStable**. Since They've **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSets, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are up. The obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are neutrosophic SuperHyperSets, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, don't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. It's interesting to mention that the only obvious simple type-neutrosophic SuperHyperSets of the neutrosophic neutrosophic SuperHyperStable amid those obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, is only $\{V_3, V_4\}$.

- On the Figure (2), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. E_1 and E_3 neutrosophic SuperHyperStable are some empty neutrosophic SuperHyperEdges but E_2 is a loop neutrosophic SuperHyperEdge and E_4 is an neutrosophic SuperHyperEdge. Thus in the terms of SuperHyperNeighbor, there's only one neutrosophic SuperHyperEdge, namely, E_4 . The neutrosophic SuperHyperVertex, V_3 is isolated means that there's no neutrosophic SuperHyperEdge has it as an endpoint. Thus neutrosophic SuperHyperVertex, V_3 , is contained in every given neutrosophic SuperHyperStable. All the following neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices are the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable.

$$\{V_3, V_1\}$$

$$\{V_3, V_2\}$$

$$\{V_3, V_4\}$$

The neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are corresponded to a neutrosophic SuperHyperStable $\mathcal{I}(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex. But the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, don't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **are** up. To sum them up, the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, **are** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are corresponded to a neutrosophic SuperHyperStable $\mathcal{I}(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is the neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** they are corresponded to a **neutrosophic SuperHyperStable**. Since They've **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSets, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are up. The obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, are neutrosophic SuperHyperSets, $\{V_3, V_1\}, \{V_3, V_2\}, \{V_3, V_4\}$, don't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. It's interesting to mention that the only obvious simple

type-neutrosophic SuperHyperSets of the neutrosophic neutrosophic SuperHyperStable amid those obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, is only $\{V_3, V_4\}$.

- On the Figure (3), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. E_1, E_2 and E_3 are some empty neutrosophic SuperHyperEdges but E_4 is an neutrosophic SuperHyperEdge. Thus in the terms of SuperHyperNeighbor, there's only one neutrosophic SuperHyperEdge, namely, E_4 . The neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_1\}, \{V_2\}, \{V_3\}$, are the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_1\}, \{V_2\}, \{V_3\}$, are **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **aren't** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_1\}, \{V_2\}, \{V_3\}$, don't have more than one neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable **aren't** up. To sum them up, the neutrosophic SuperHyperSets of neutrosophic SuperHyperVertices, $\{V_1\}, \{V_2\}, \{V_3\}$, **aren't** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSets of the neutrosophic SuperHyperVertices, $\{V_1\}, \{V_2\}, \{V_3\}$, are corresponded to a neutrosophic SuperHyperStable $\mathcal{I}(NSHG)$ for a neutrosophic SuperHyperGraph $NSHG : (V, E)$ is the neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** they are **neutrosophic SuperHyperStable**. Since they've **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There are only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSets, $\{V_1\}, \{V_2\}, \{V_3\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1\}, \{V_2\}, \{V_3\}$, aren't up. The obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, $\{V_1\}, \{V_2\}, \{V_3\}$, are the neutrosophic SuperHyperSets, $\{V_1\}, \{V_2\}, \{V_3\}$, don't include only more than one neutrosophic SuperHyperVertex in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. It's interesting to mention that the only obvious simple type-neutrosophic SuperHyperSets of the neutrosophic neutrosophic SuperHyperStable amid those obvious simple type-neutrosophic SuperHyperSets of the neutrosophic SuperHyperStable, is only $\{V_3\}$.
- On the Figure (4), the neutrosophic SuperHyperNotion, namely, an neutrosophic SuperHyperStable, is up. There's no empty neutrosophic SuperHyperEdge but E_3 are a loop neutrosophic SuperHyperEdge on $\{F\}$, and there are some neutrosophic SuperHyperEdges, namely, E_1 on $\{H, V_1, V_3\}$, alongside E_2 on $\{O, H, V_4, V_3\}$ and E_4, E_5 on $\{N, V_1, V_2, V_3, F\}$. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_4\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic

SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_4\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **isn't** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex since it **doesn't form** any kind of pairs titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_4\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **isn't** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_4\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_4\}$, is the neutrosophic SuperHyperSet S s of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_4\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_4\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_4\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_4\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (5), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_6, V_9, V_{15}\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_6, V_9, V_{15}\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex thus it doesn't form any kind of pairs titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_6, V_9, V_{15}\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the

neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_6, V_9, V_{15}\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_6, V_9, V_{15}\}$, is the neutrosophic SuperHyperSet S_s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. **and** it's **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_6, V_9, V_{15}\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_6, V_9, V_{15}\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_6, V_9, V_{15}\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_6, V_9, V_{15}\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ is mentioned as the SuperHyperModel $NSHG : (V, E)$ in the Figure (5).

- On the Figure (6), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **only** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the neutrosophic SuperHyperSet S_s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

Thus the non-obvious neutrosophic SuperHyperStable,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is a neutrosophic SuperHyperSet,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ with a illustrated SuperHyperModeling of the Figure (6).

- On the Figure (7), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_9\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5, V_9\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph

$NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_9\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_9\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5, V_9\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_5, V_9\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_5, V_9\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_5, V_9\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_5, V_9\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ of depicted SuperHyperModel as the Figure (7).

- On the Figure (8), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're not only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **two** neutrosophic SuperHyperVertices doesn't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There

aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_5, V_8\}$, Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_5, V_8\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_5, V_8\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_5, V_8\}$, doesn't exclude only more than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ of dense SuperHyperModel as the Figure (8).

- On the Figure (9), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **only** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is the neutrosophic SuperHyperSet S_s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic

SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**.
 Since it's **the maximum neutrosophic cardinality** of neutrosophic
 SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have
 a neutrosophic SuperHyperEdge in common. There aren't only less than two
 neutrosophic SuperHyperVertices **inside** the intended neutrosophic
 SuperHyperSet,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

Thus the non-obvious neutrosophic SuperHyperStable,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic
 SuperHyperStable,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

is a neutrosophic SuperHyperSet,

$$\{V_2, V_4, V_6, V_8, V_{10}, \\ V_{22}, V_{19}, V_{17}, V_{15}, V_{13}, \},$$

doesn't include only less than two neutrosophic SuperHyperVertices in a
 connected neutrosophic neutrosophic SuperHyperGraph $NSHG : (V, E)$ with a
 messy SuperHyperModeling of the Figure (9).

- On the Figure (10), the neutrosophic SuperHyperNotion, namely, neutrosophic
 SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge
 nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of
 neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, is the simple type-neutrosophic
 SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic
 SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, is
the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S
 of neutrosophic SuperHyperVertices such that there's no neutrosophic
 SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're
 not only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic
 SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The
 obvious simple type-neutrosophic SuperHyperSet of the neutrosophic
 SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **two**
 neutrosophic SuperHyperVertices doesn't form any kind of pairs are titled to
 SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph
 $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic
 SuperHyperVertices, $\{V_2, V_5, V_8\}$, doesn't have less than two neutrosophic
 SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the
 non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic
 SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of
 neutrosophic SuperHyperVertices, $\{V_2, V_5, V_8\}$, **is** the non-obvious simple
 type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since
 the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices,
 $\{V_2, V_5, V_8\}$, is the neutrosophic SuperHyperSet S_s of neutrosophic

SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_5, V_8\}$, Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_5, V_8\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_5, V_8\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_5, V_8\}$, doesn't exclude only more than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ of highly-embedding-connected SuperHyperModel as the Figure (10).

- On the Figure (11), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_5\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_5\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_5\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_5\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (12), the neutrosophic SuperHyperNotion, namely, neutrosophic

SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_3, V_7, V_8\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_2, V_3, V_7, V_8\}$, is **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're not only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only **two** neutrosophic SuperHyperVertices doesn't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_3, V_7, V_8\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_3, V_7, V_8\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_2, V_3, V_7, V_8\}$, is the neutrosophic SuperHyperSet S_s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** they are **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_1, V_2, V_3, V_7, V_8\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1, V_2, V_3, V_7, V_8\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_1, V_2, V_3, V_7, V_8\}$, is a neutrosophic SuperHyperSet, $\{V_1, V_2, V_3, V_7, V_8\}$, doesn't include only more than one neutrosophic SuperHyperVertex in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ in highly-multiple-connected-style SuperHyperModel On the Figure (12).

- On the Figure (13), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph

$NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2, V_5\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2, V_5\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2, V_5\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2, V_5\}$, is a neutrosophic SuperHyperSet, $\{V_2, V_5\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (14), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_3, V_2\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_3, V_2\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_3, V_2\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_3, V_2\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_3, V_2\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There

aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_3, V_2\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_3, V_2\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_3, V_2\}$, is a neutrosophic SuperHyperSet, $\{V_3, V_2\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (15), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_5, V_2, V_6\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_5, V_2, V_6\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_5, V_2, V_6\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_5, V_2, V_6\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_5, V_2, V_6\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_5, V_2, V_6\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_5, V_2, V_6\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_5, V_2, V_6\}$, is a neutrosophic SuperHyperSet, $\{V_5, V_2, V_6\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ as Linearly-Connected SuperHyperModel On the Figure (15).
- On the Figure (16), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that

there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_1, V_2, V_8, V_{22}\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1, V_2, V_8, V_{22}\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_1, V_2, V_8, V_{22}\}$, is a neutrosophic SuperHyperSet, $\{V_1, V_2, V_8, V_{22}\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (17), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the

neutrosophic SuperHyperVertices, $\{V_1, V_2, V_8, V_{22}\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_1, V_2, V_8, V_{22}\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1, V_2, V_8, V_{22}\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_1, V_2, V_8, V_{22}\}$, is a neutrosophic SuperHyperSet, $\{V_1, V_2, V_8, V_{22}\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$ as Lnearly-over-packed SuperHyperModel is featured On the Figure (17).

- On the Figure (18), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **isn't** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2\}$, does has less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **isn't** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_2\}$, **isn't** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_2\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There's only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_2\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_2\}$, isn't up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_2\}$, is a neutrosophic SuperHyperSet, $\{V_2\}$, does includes only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$

- On the Figure (19), the neutrosophic SuperHyperNotion, namely, neutrosophic

SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, O_6, V_9, V_5\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, O_6, V_9, V_5\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, O_6, V_9, V_5\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, O_6, V_9, V_5\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, O_6, V_9, V_5\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_1, O_6, V_9, V_5\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1, O_6, V_9, V_5\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_1, O_6, V_9, V_5\}$, is a neutrosophic SuperHyperSet, $\{V_1, O_6, V_9, V_5\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

- On the Figure (20), the neutrosophic SuperHyperNotion, namely, neutrosophic SuperHyperStable, is up. There's neither empty neutrosophic SuperHyperEdge nor loop neutrosophic SuperHyperEdge. The neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, is the simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, is **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There're only **two** neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious neutrosophic SuperHyperStable **is** up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet **includes** only less than **two** neutrosophic SuperHyperVertices don't form any kind of pairs are titled to SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph

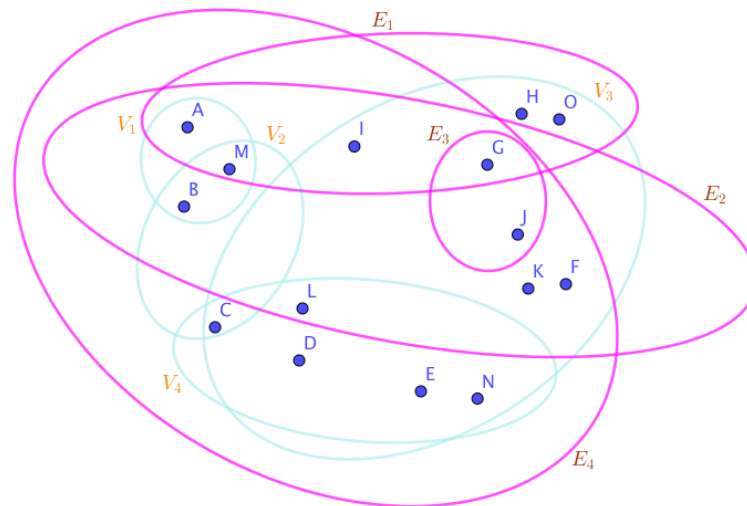


Figure 1. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

$NSHG : (V, E)$. But the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, doesn't have less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet. Thus the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable **is** up. To sum them up, the neutrosophic SuperHyperSet of neutrosophic SuperHyperVertices, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, **is** the non-obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, is the neutrosophic SuperHyperSet S s of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common **and** it's a **neutrosophic SuperHyperStable**. Since it's **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. There aren't only less than two neutrosophic SuperHyperVertices **inside** the intended neutrosophic SuperHyperSet, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$. Thus the non-obvious neutrosophic SuperHyperStable, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, is a neutrosophic SuperHyperSet, $\{V_1, V_3, V_5, R_9, V_6, V_9, S_9, V_{10}, P_4, T_4\}$, doesn't include only less than two neutrosophic SuperHyperVertices in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$.

Proposition 2.2. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Then in the worst case, literally, $V \setminus V \setminus \{z\}$, is a neutrosophic SuperHyperStable. In other words, the least neutrosophic cardinality, the lower sharp bound for the neutrosophic cardinality, of a neutrosophic SuperHyperStable is the neutrosophic cardinality of $V \setminus V \setminus \{z\}$.

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a

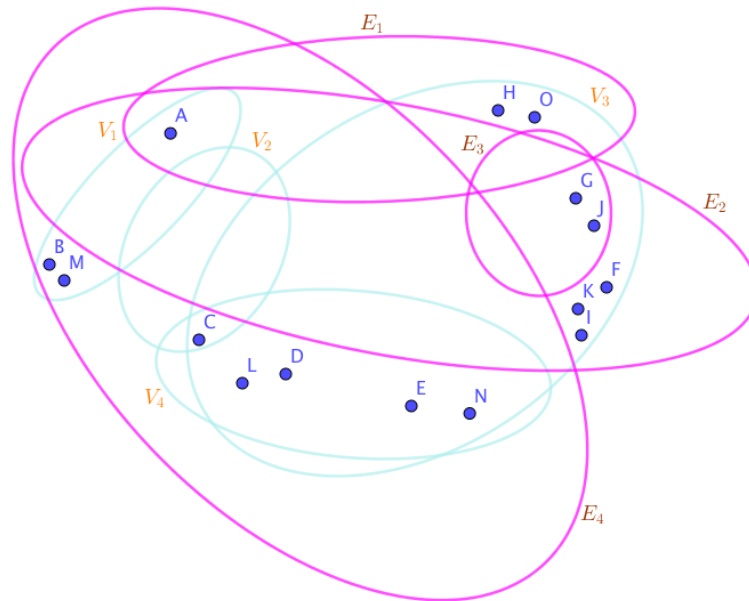


Figure 2. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

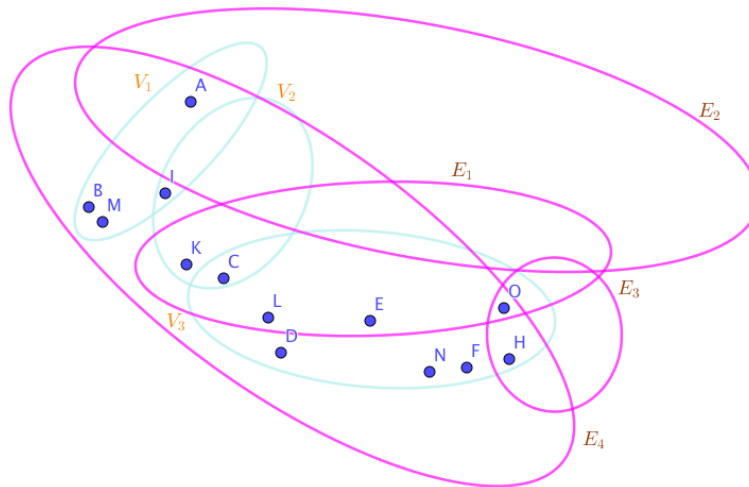


Figure 3. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

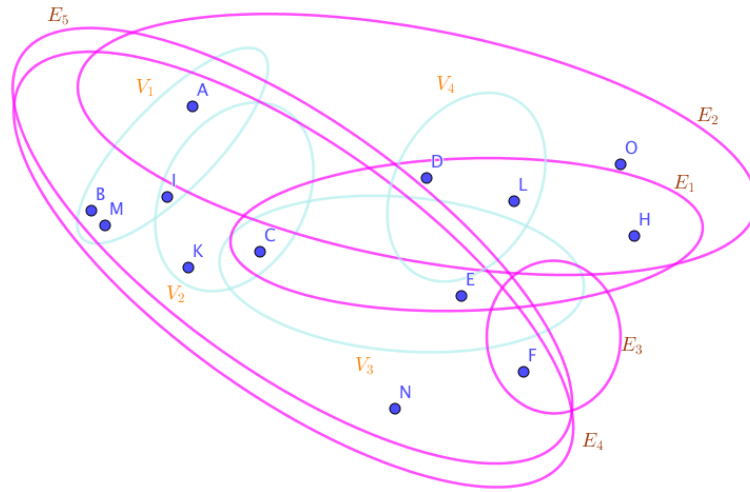


Figure 4. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

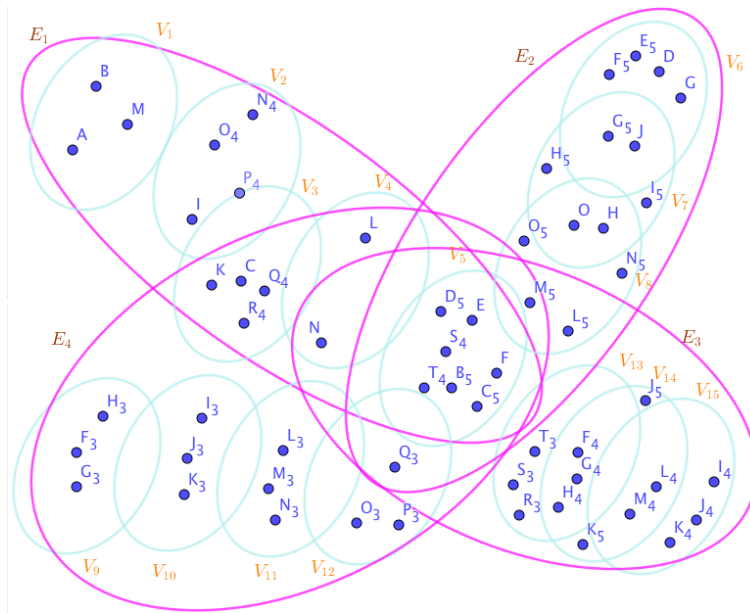


Figure 5. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

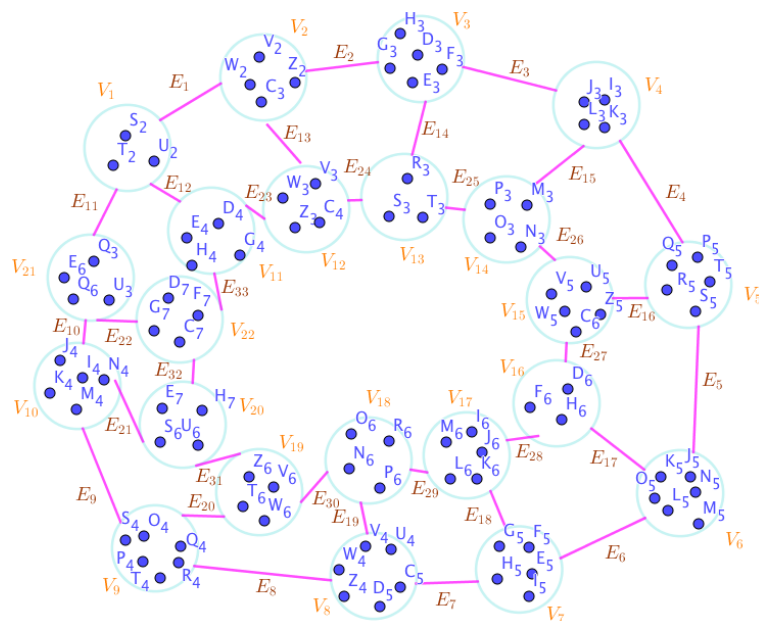


Figure 6. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

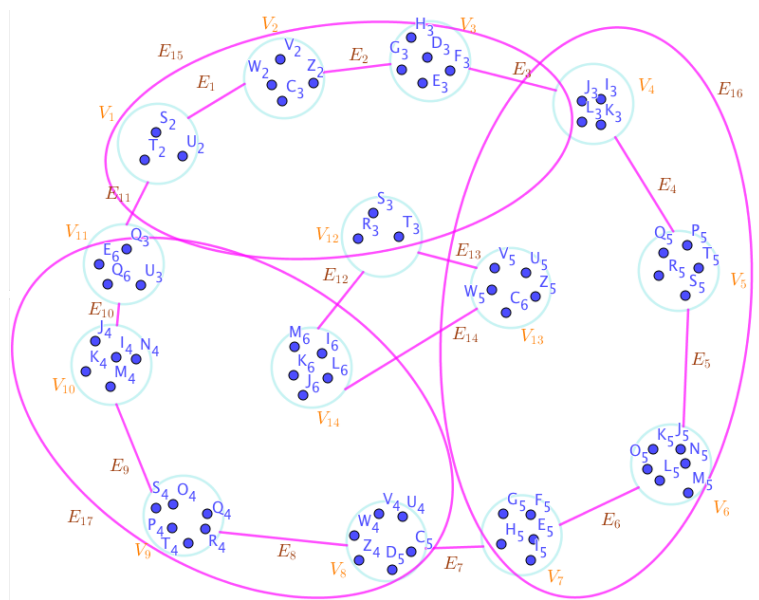


Figure 7. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

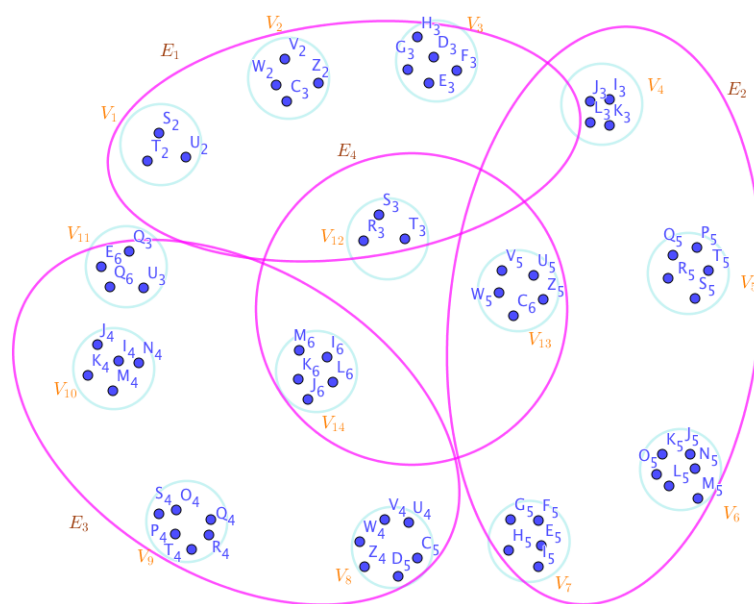


Figure 8. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

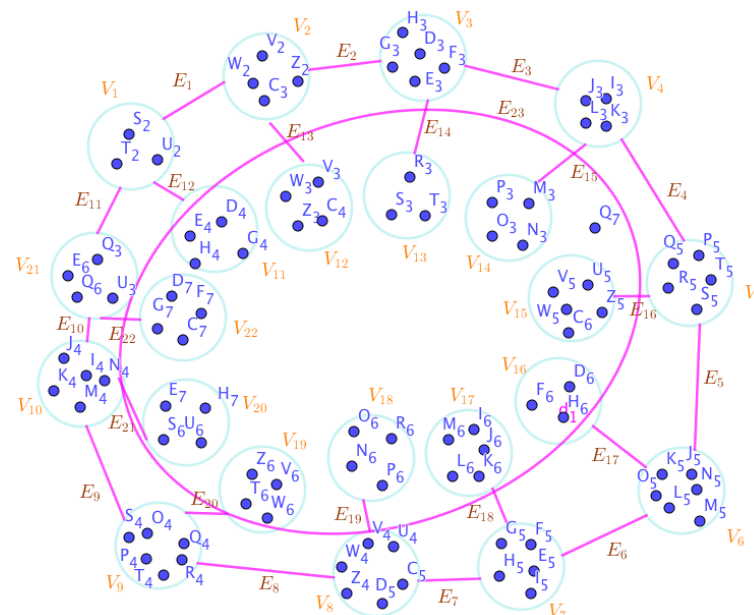


Figure 9. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

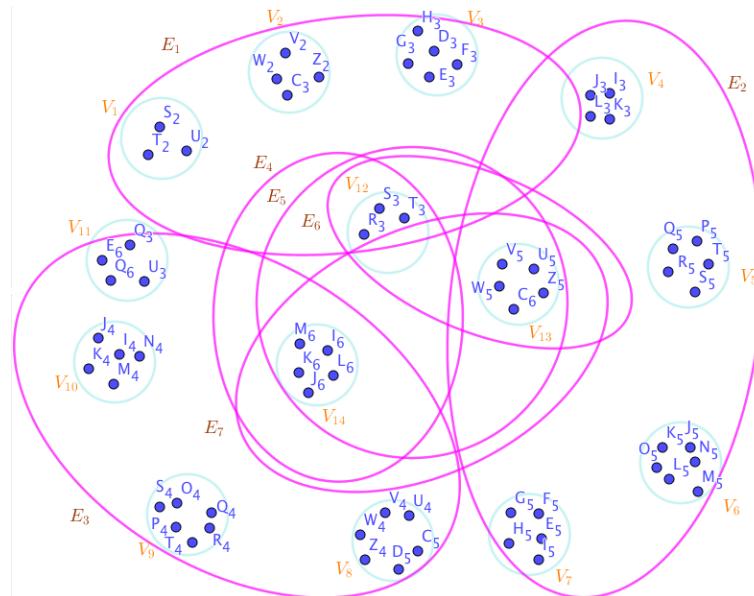


Figure 10. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

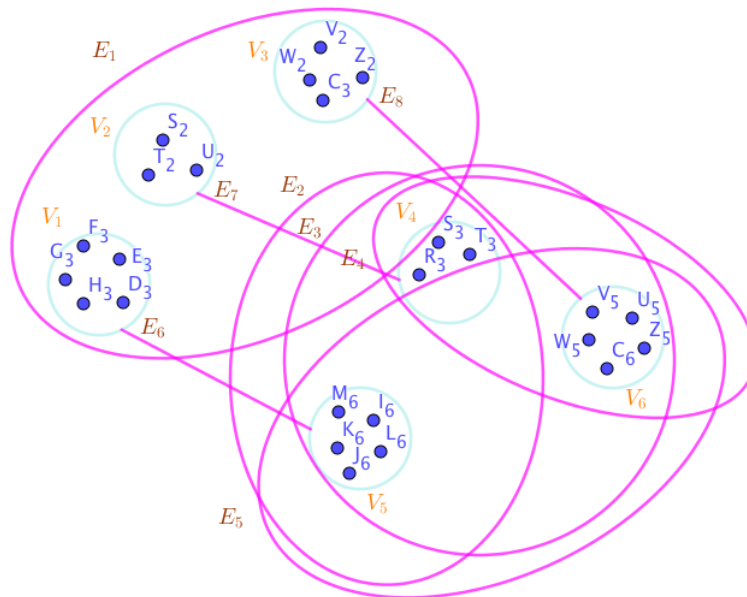


Figure 11. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

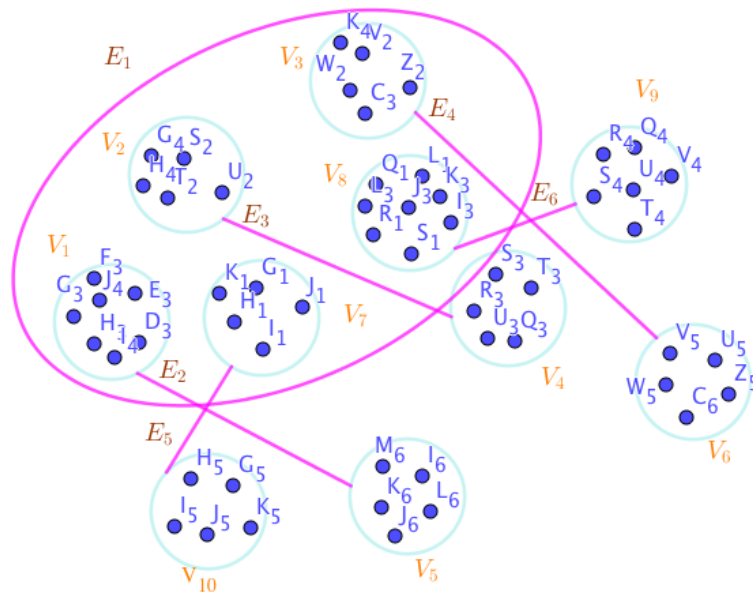


Figure 12. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

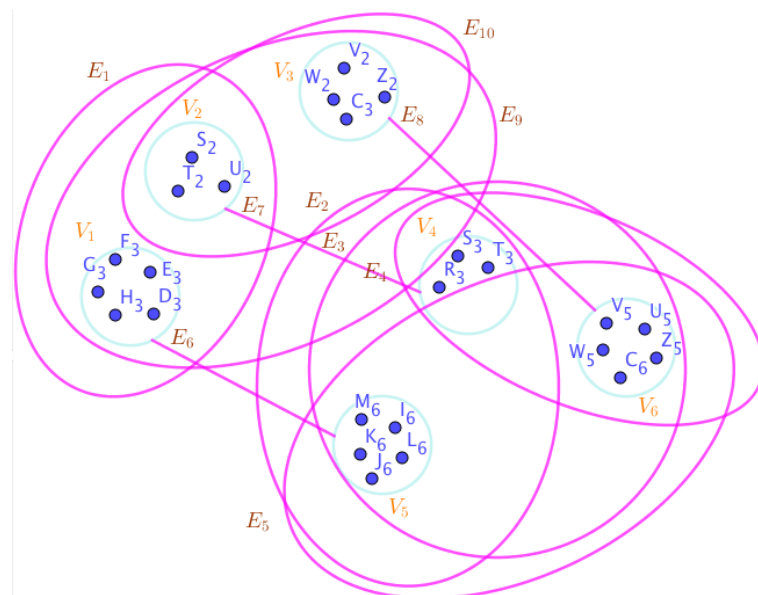


Figure 13. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

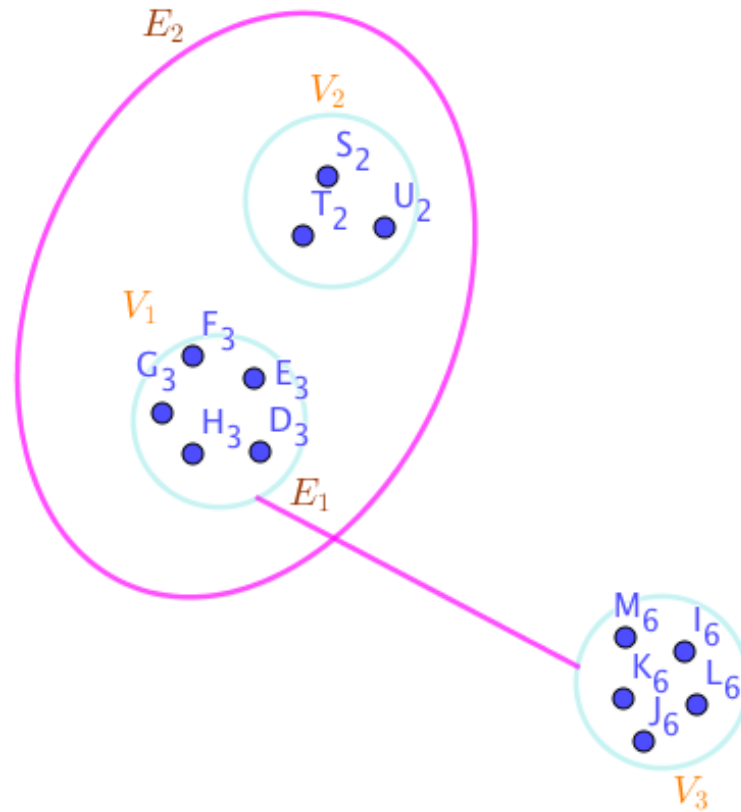


Figure 14. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

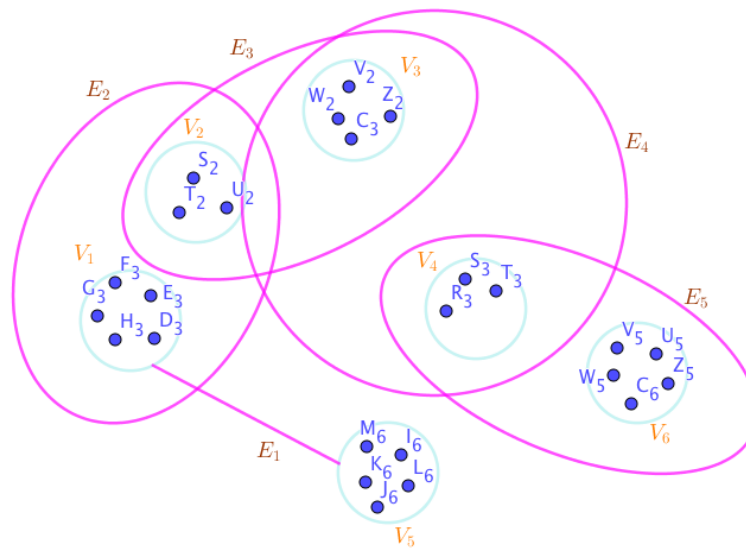


Figure 15. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

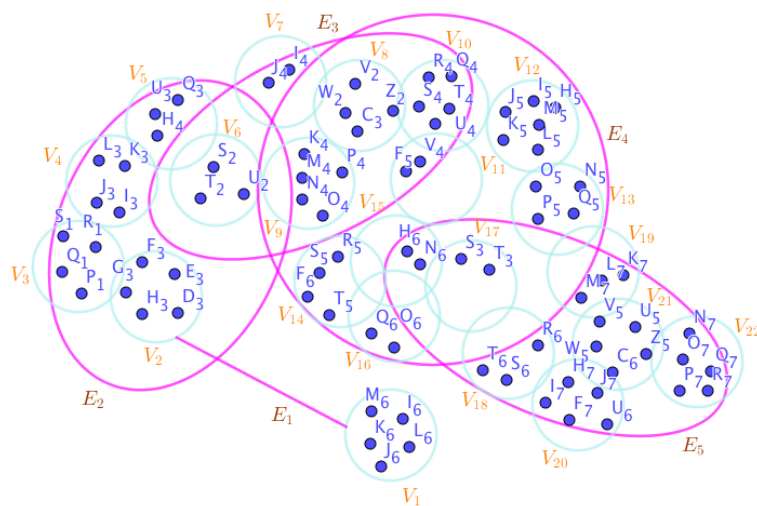


Figure 16. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

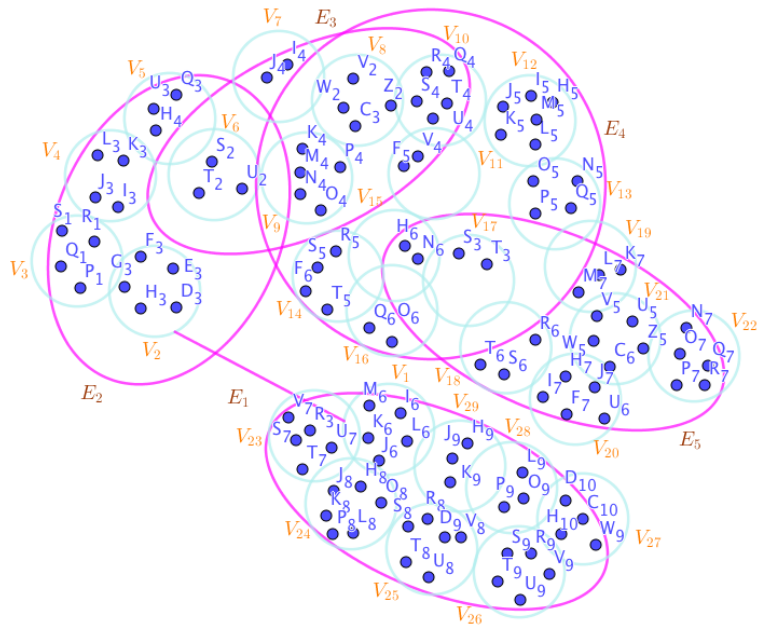


Figure 17. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

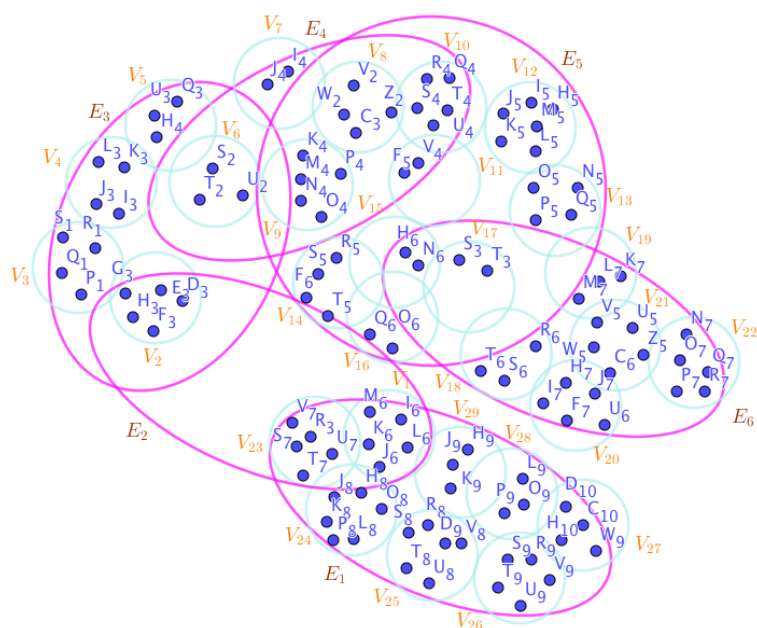


Figure 18. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

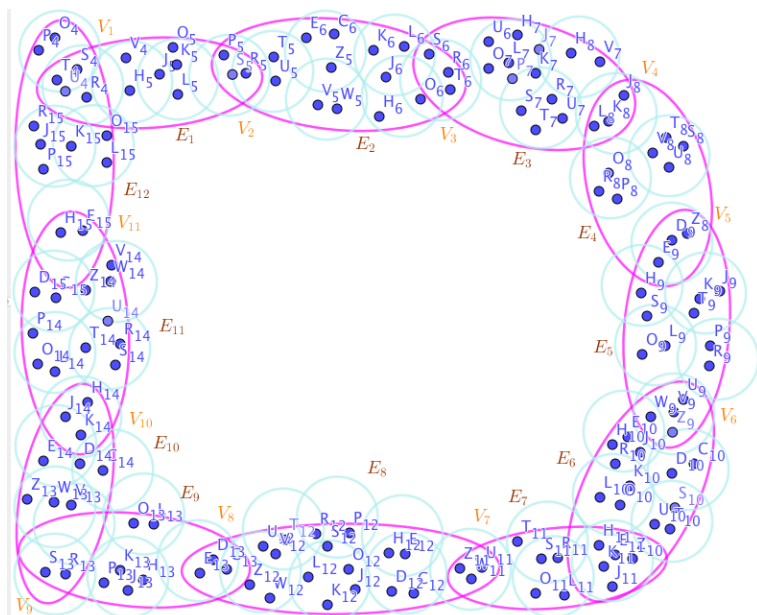


Figure 19. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

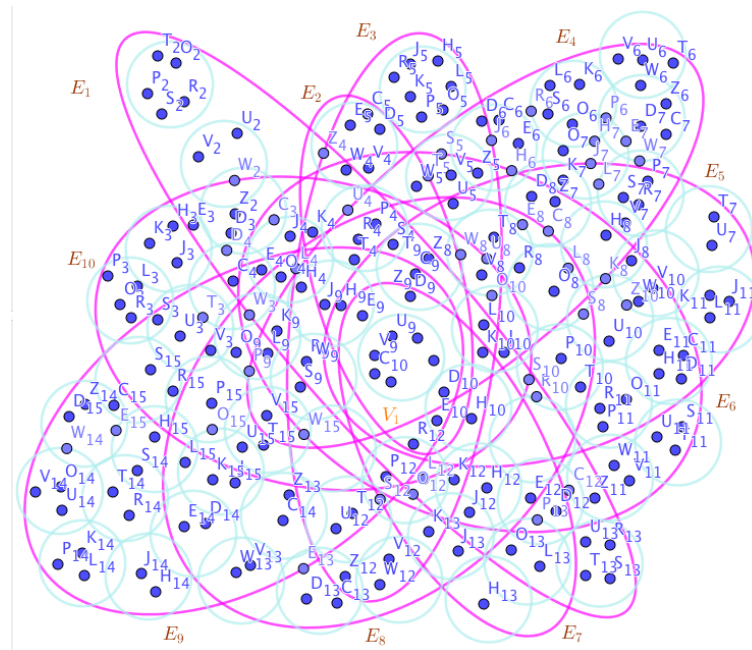


Figure 20. The neutrosophic SuperHyperGraphs Associated to the Notions of neutrosophic SuperHyperStable in the Example (2.1)

neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't a neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"']. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. \square

Proposition 2.3. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Then the extreme number of neutrosophic SuperHyperStable has, the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality, is the extreme

neutrosophic cardinality of $V \setminus V \setminus \{z\}$ if there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality.

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled **SuperHyperNeighbors** in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Then the extreme number of neutrosophic SuperHyperStable has, the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality, is the extreme neutrosophic cardinality of $V \setminus V \setminus \{z\}$ if there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. \square

Proposition 2.4. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. If a neutrosophic SuperHyperEdge has z neutrosophic SuperHyperVertices, then $z - 1$ number of those interior neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge exclude to any neutrosophic SuperHyperStable.

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Let a neutrosophic SuperHyperEdge has z neutrosophic SuperHyperVertices. Consider $z - 2$ number of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of

neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, if a neutrosophic SuperHyperEdge has z neutrosophic SuperHyperVertices, then $z - 1$ number of those interior neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge exclude to any neutrosophic SuperHyperStable. \square

Proposition 2.5. *Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. There's not any neutrosophic SuperHyperEdge has only more than one distinct interior neutrosophic SuperHyperVertex inside of any given neutrosophic SuperHyperStable. In other words, there's not an unique neutrosophic SuperHyperEdge has only two distinct neutrosophic SuperHyperVertices in a neutrosophic SuperHyperStable.*

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider some numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding more than one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S

doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, there's not any neutrosophic SuperHyperEdge has only more than one distinct interior neutrosophic SuperHyperVertex inside of any given neutrosophic SuperHyperStable. In other words, there's not an unique neutrosophic SuperHyperEdge has only two distinct neutrosophic SuperHyperVertices in a neutrosophic SuperHyperStable. \square

Proposition 2.6. *Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The all interior neutrosophic SuperHyperVertices belong to any neutrosophic SuperHyperStable if for any of them, there's no other corresponded neutrosophic SuperHyperVertex such that the two interior neutrosophic SuperHyperVertices are mutually SuperHyperNeighbors.*

Proof. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common.

Thus, the all interior neutrosophic SuperHyperVertices belong to any neutrosophic SuperHyperStable if for any of them, there's no other corresponded neutrosophic SuperHyperVertex such that the two interior neutrosophic SuperHyperVertices are mutually SuperHyperNeighbors. \square

Proposition 2.7. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The any neutrosophic SuperHyperStable only contains all interior neutrosophic SuperHyperVertices and all exterior neutrosophic SuperHyperVertices where there's any of them has no SuperHyperNeighbors in and there's no SuperHyperNeighborhoods in but everything is possible about SuperHyperNeighborhoods and SuperHyperNeighbors out.

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure".]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled **SuperHyperNeighbors** in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, the any neutrosophic SuperHyperStable only contains all interior neutrosophic SuperHyperVertices and all exterior neutrosophic SuperHyperVertices where there's any of them has no SuperHyperNeighbors in and there's no SuperHyperNeighborhoods in but everything is possible about SuperHyperNeighborhoods and SuperHyperNeighbors out. \square

Remark 2.8. The words " neutrosophic SuperHyperStable" and "SuperHyperDominating" refer to the maximum type-style and the minimum type-style. In other words, they refer to both the maximum[minimum] number and the neutrosophic SuperHyperSet with the maximum[minimum] neutrosophic cardinality.

Proposition 2.9. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Consider a SuperHyperDominating. Then a neutrosophic SuperHyperStable is either in or out.

Proof. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Consider a SuperHyperDominating. By applying the Proposition (2.7), the results are up. Thus on a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, and in a SuperHyperDominating. Then a neutrosophic SuperHyperStable is either in or out. \square

3 Results on Neutrosophic SuperHyperClasses

Proposition 3.1. Assume a connected SuperHyperPath $NSHP : (V, E)$. Then a neutrosophic SuperHyperStable-style with the maximum SuperHyperneutrosophic cardinality is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices.

Proposition 3.2. Assume a connected SuperHyperPath $NSHP : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices from the common neutrosophic SuperHyperEdges. An neutrosophic SuperHyperStable has the number of all the interior neutrosophic SuperHyperVertices minus their SuperHyperNeighborhoods.

Proof. Assume a connected SuperHyperPath $NSHP : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it doesn't do the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure".]. There's only one neutrosophic SuperHyperVertex inside the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, includes only one neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices

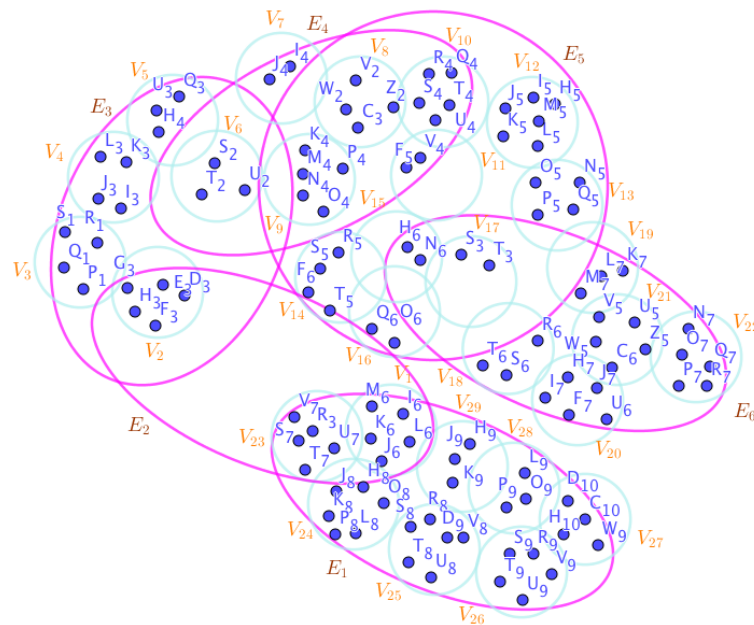


Figure 21. A SuperHyperPath Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.3)

$V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperPath $NSHP : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices from the common neutrosophic SuperHyperEdges. An neutrosophic SuperHyperStable has the number of all the interior neutrosophic SuperHyperVertices minus their SuperHyperNeighborhoods. \square

Example 3.3. In the Figure (21), the connected SuperHyperPath $NSHP : (V, E)$, is highlighted and featured. The neutrosophic SuperHyperSet, $\{V_{27}, V_2, V_7, V_{12}, V_{22}\}$, of the neutrosophic SuperHyperVertices of the connected SuperHyperPath $NSHP : (V, E)$, in the SuperHyperModel (21), is the neutrosophic SuperHyperStable.

Proposition 3.4. Assume a connected SuperHyperCycle $NSHC : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices from the same SuperHyperNeighborhoods. A neutrosophic SuperHyperStable has the number of all the neutrosophic SuperHyperEdges and the lower bound is the half number of all the neutrosophic SuperHyperEdges.

Proof. Assume a connected SuperHyperCycle $NSHC : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$ is a neutrosophic SuperHyperSet S of

neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't a neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperCycle $NSHC : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices from the same SuperHyperNeighborhoods. A neutrosophic SuperHyperStable has the number of all the neutrosophic SuperHyperEdges and the lower bound is the half number of all the neutrosophic SuperHyperEdges. \square

Example 3.5. In the Figure (22), the connected SuperHyperCycle $NSHC : (V, E)$, is highlighted and featured. The obtained neutrosophic SuperHyperSet, by the Algorithm in previous result, of the neutrosophic SuperHyperVertices of the connected SuperHyperCycle $NSHC : (V, E)$, in the SuperHyperModel (22),

$$\begin{aligned} & \{\{P_{13}, J_{13}, K_{13}, H_{13}\}, \\ & \{Z_{13}, W_{13}, V_{13}\}, \{U_{14}, T_{14}, R_{14}, S_{14}\}, \\ & \{P_{15}, J_{15}, K_{15}, R_{15}\}, \\ & \{J_5, O_5, K_5, L_5\}, \{J_5, O_5, K_5, L_5\}, V_3, \\ & \{U_6, H_7, J_7, K_7, O_7, L_7, P_7\}, \{T_8, U_8, V_8, S_8\}, \\ & \{T_9, K_9, J_9\}, \{H_{10}, J_{10}, E_{10}, R_{10}, W_9\}, \\ & \{S_{11}, R_{11}, O_{11}, L_{11}\}, \\ & \{U_{12}, V_{12}, W_{12}, Z_{12}, O_{12}\}\}, \end{aligned}$$

is the neutrosophic SuperHyperStable.

Proposition 3.6. Assume a connected SuperHyperStar $NSHS : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices, excluding the SuperHyperCenter, with only all exceptions in the form of interior neutrosophic SuperHyperVertices from common neutrosophic SuperHyperEdge. An neutrosophic SuperHyperStable has the number of the neutrosophic cardinality of the second SuperHyperPart.

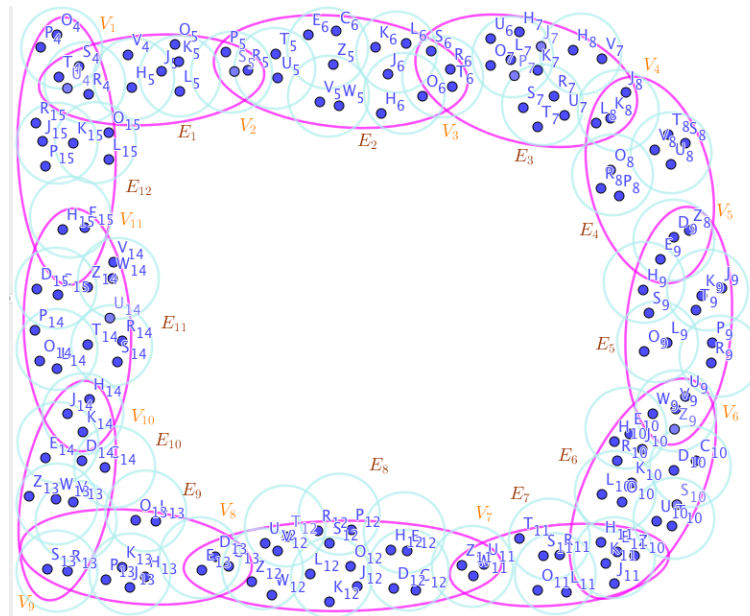


Figure 22. A SuperHyperCycle Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.5)

Proof. Assume a connected SuperHyperStar $NSHS : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices

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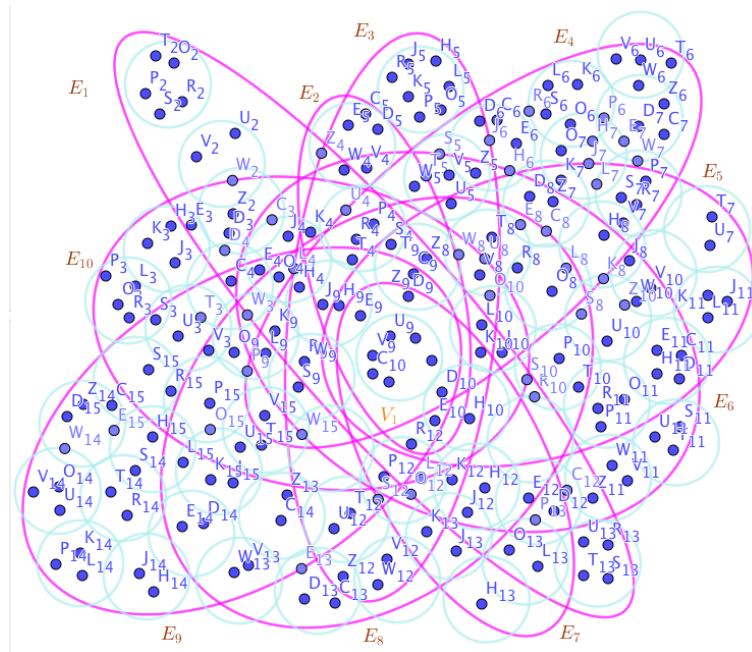


Figure 23. A SuperHyperStar Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.7)

$V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperStar $NSHS : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices, excluding the SuperHyperCenter, with only all exceptions in the form of interior neutrosophic SuperHyperVertices from common neutrosophic SuperHyperEdge. An neutrosophic SuperHyperStable has the number of the neutrosophic cardinality of the second SuperHyperPart. □

Example 3.7. In the Figure (23), the connected SuperHyperStar $NSHS : (V, E)$, is highlighted and featured. The obtained neutrosophic SuperHyperSet, by the Algorithm in previous result, of the neutrosophic SuperHyperVertices of the connected SuperHyperStar $NSHS : (V, E)$, in the SuperHyperModel (23),

$$\begin{aligned} & \{W_{14}, D_{15}, Z_{14}, C_{15}, E_{15}\}, \\ & \{P_3, O_3, R_3, L_3, S_3\}, \{P_2, T_2, S_2, R_2, O_2\}, \\ & \{O_6, O_7, K_7, P_6, H_7, J_7, E_7, L_7\}, \\ & \{J_8, Z_{10}, W_{10}, V_{10}\}, \{W_{11}, V_{11}, Z_{11}, C_{12}\}, \\ & \{U_{13}, T_{13}, R_{13}, S_{13}\}, \{H_{13}\}, \\ & \{E_{13}, D_{13}, C_{13}, Z_{12}\}, \} \end{aligned}$$

is the neutrosophic SuperHyperStable.

Proposition 3.8. Assume a connected SuperHyperBipartite $NSHB : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices titled SuperHyperNeighbors. A neutrosophic SuperHyperStable has the number of the neutrosophic cardinality of the first

SuperHyperPart multiplies with the neutrosophic cardinality of the second SuperHyperPart.

Proof. Assume a connected SuperHyperBipartite $NSHB : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperBipartite $NSHB : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only all exceptions in the form of interior neutrosophic SuperHyperVertices titled SuperHyperNeighbors. A neutrosophic SuperHyperStable has the number of the neutrosophic cardinality of the first SuperHyperPart multiplies with the neutrosophic cardinality of the second SuperHyperPart. \square

Example 3.9. In the Figure (24), the connected SuperHyperBipartite $NSHB : (V, E)$, is highlighted and featured. The obtained neutrosophic SuperHyperSet, by the Algorithm in previous result, of the neutrosophic SuperHyperVertices of the connected SuperHyperBipartite $NSHB : (V, E)$, in the SuperHyperModel (24),

$$\{ \{C_4, D_4, E_4, H_4\}, \\ \{K_4, J_4, L_4, O_4\}, \{W_2, Z_2, C_3\}, \{C_{13}, Z_{12}, V_{12}, W_{12}\},$$

is the neutrosophic SuperHyperStable.

Proposition 3.10. Assume a connected SuperHyperMultipartite $NSHM : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior

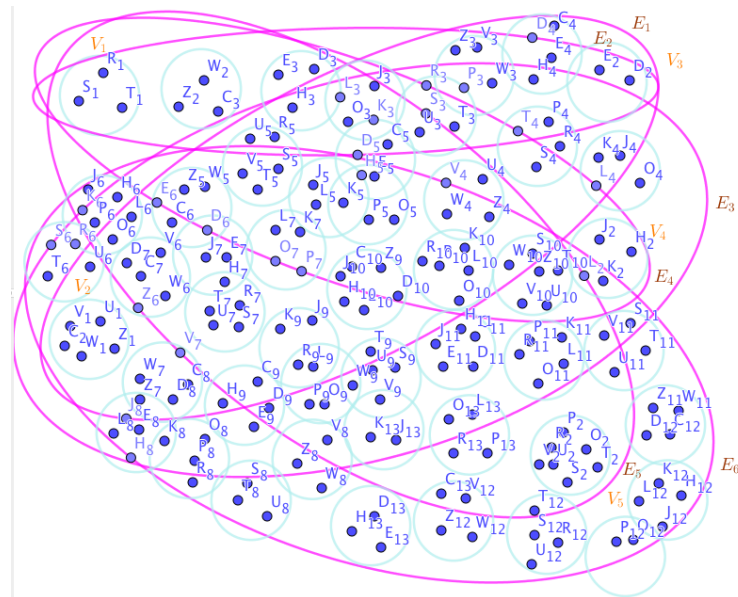


Figure 24. A SuperHyperBipartite Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.9)

neutrosophic SuperHyperVertices with only one exception in the form of interior neutrosophic SuperHyperVertices from a SuperHyperPart and only one exception in the form of interior neutrosophic SuperHyperVertices from another SuperHyperPart titled “SuperHyperNeighbors”. A neutrosophic SuperHyperStable has the number of all the summation on the neutrosophic cardinality of the all SuperHyperParts form distinct neutrosophic SuperHyperEdges.

Proof. Assume a connected SuperHyperMultipartite $NSHM : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there’s an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there’s no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn’t an neutrosophic SuperHyperStable. Since it doesn’t have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there’s no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn’t a neutrosophic SuperHyperStable. Since it **doesn’t do** the procedure such that such that there’s no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there’s at least one neutrosophic SuperHyperVertex inside implying there’s, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn’t do “the procedure”]. There’s only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet,

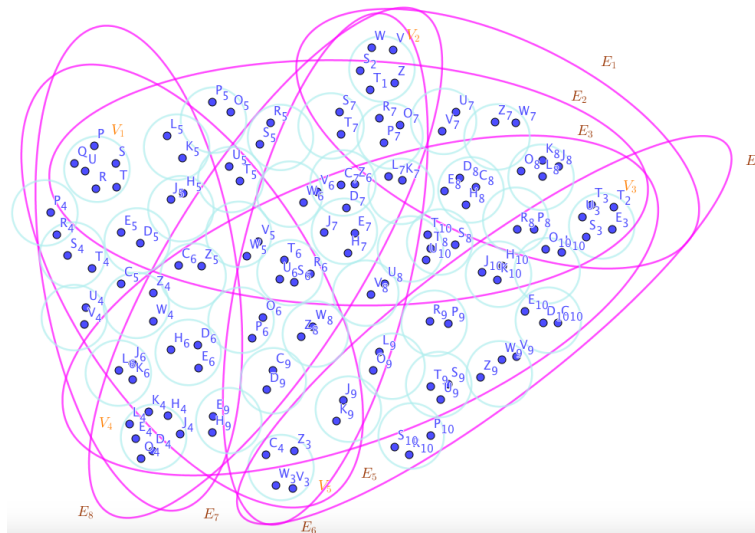


Figure 25. A SuperHyperMultipartite Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.11)

$V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, includes only one neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperMultipartite $NSHM : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices with only one exception in the form of interior neutrosophic SuperHyperVertices from a SuperHyperPart and only one exception in the form of interior neutrosophic SuperHyperVertices from another SuperHyperPart titled "SuperHyperNeighbors". A neutrosophic SuperHyperStable has the number of all the summation on the neutrosophic cardinality of the all SuperHyperParts form distinct neutrosophic SuperHyperEdges. □

Example 3.11. In the Figure (25), the connected SuperHyperMultipartite $NSHM : (V, E)$, is highlighted and featured. The obtained neutrosophic SuperHyperSet, by the Algorithm in previous result, of the neutrosophic SuperHyperVertices of the connected SuperHyperMultipartite $NSHM : (V, E)$,

$$\begin{aligned} & \{\{L_4, E_4, O_4, D_4, J_4, K_4, H_4\}, \\ & \{S_{10}, R_{10}, P_{10}\}, \\ & \{Z_7, W_7\}\}, \end{aligned}$$

in the SuperHyperModel (25), is the neutrosophic SuperHyperStable. 1327

Proposition 3.12. Assume a connected SuperHyperWheel $NSHW : (V, E)$. Then a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices, excluding the SuperHyperCenter, with only one exception in the form of interior neutrosophic SuperHyperVertices from same 1328
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neutrosophic SuperHyperEdge. A neutrosophic SuperHyperStable has the number of all the number of all the neutrosophic SuperHyperEdges have no common SuperHyperNeighbors for a neutrosophic SuperHyperVertex. 1332
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Proof. Assume a connected SuperHyperWheel $NSHW : (V, E)$. Let a neutrosophic SuperHyperEdge has some neutrosophic SuperHyperVertices. Consider all numbers of those neutrosophic SuperHyperVertices from that neutrosophic SuperHyperEdge excluding one distinct neutrosophic SuperHyperVertex, exclude to any given neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices. Consider there's an neutrosophic SuperHyperStable with the least neutrosophic cardinality, the lower sharp bound for neutrosophic cardinality. Assume a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{ \}$ is a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common but it isn't an neutrosophic SuperHyperStable. Since it doesn't have **the maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. The neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{x, z\}$ is the maximum neutrosophic cardinality of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices but it isn't a neutrosophic SuperHyperStable. Since it **doesn't do** the procedure such that such that there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. [there's at least one neutrosophic SuperHyperVertex inside implying there's, sometimes in the connected neutrosophic SuperHyperGraph $NSHG : (V, E)$, a neutrosophic SuperHyperVertex, titled its SuperHyperNeighbor, to that neutrosophic SuperHyperVertex in the neutrosophic SuperHyperSet S so as S doesn't do "the procedure"]. There's only **one** neutrosophic SuperHyperVertex **inside** the intended neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$. Thus the obvious neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, is up. The obvious simple type-neutrosophic SuperHyperSet of the neutrosophic SuperHyperStable, $V \setminus V \setminus \{z\}$, **is** a neutrosophic SuperHyperSet, $V \setminus V \setminus \{z\}$, **includes** only **one** neutrosophic SuperHyperVertex doesn't form any kind of pairs are titled SuperHyperNeighbors in a connected neutrosophic SuperHyperGraph $NSHG : (V, E)$. Since the neutrosophic SuperHyperSet of the neutrosophic SuperHyperVertices $V \setminus V \setminus \{z\}$, is the **maximum neutrosophic cardinality** of a neutrosophic SuperHyperSet S of neutrosophic SuperHyperVertices **such that** $V(G)$ there's no neutrosophic SuperHyperVertex to have a neutrosophic SuperHyperEdge in common. Thus, in a connected SuperHyperWheel $NSHW : (V, E)$, a neutrosophic SuperHyperStable is a neutrosophic SuperHyperSet of the interior neutrosophic SuperHyperVertices, excluding the SuperHyperCenter, with only one exception in the form of interior neutrosophic SuperHyperVertices from same neutrosophic SuperHyperEdge. A neutrosophic SuperHyperStable has the number of all the number of all the neutrosophic SuperHyperEdges have no common SuperHyperNeighbors for a neutrosophic SuperHyperVertex. □ 1335
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Example 3.13. In the Figure (26), the connected SuperHyperWheel $NSHW : (V, E)$, is highlighted and featured. The obtained neutrosophic SuperHyperSet, by the Algorithm in previous result, of the neutrosophic SuperHyperVertices of the connected 1375
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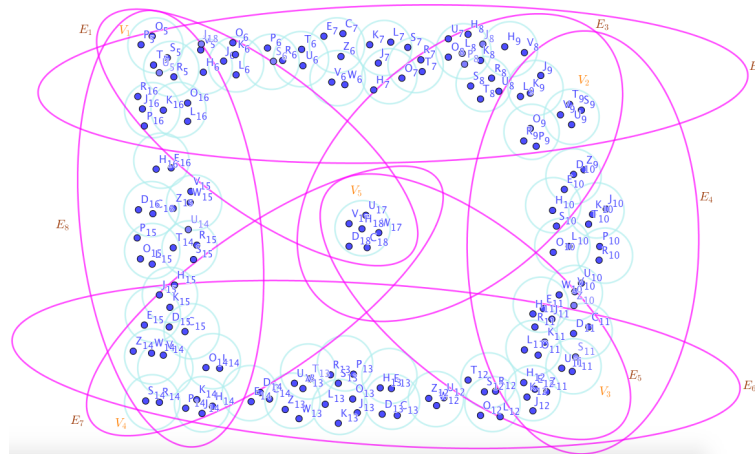


Figure 26. A SuperHyperWheel Associated to the Notions of neutrosophic SuperHyperStable in the Example (3.13)

SuperHyperWheel $NSHW : (V, E)$,

$$\begin{aligned} & \{V_5, \\ & \{Z_{13}, W_{13}, U_{13}, V_{13}, O_{14}\}, \\ & \{T_{10}, K_{10}, J_{10}\}, \\ & \{E_7, C_7, Z_6\}, \\ & \{T_{14}, U_{14}, R_{15}, S_{15}\}\}, \end{aligned}$$

in the SuperHyperModel (26), is the neutrosophic SuperHyperStable.

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