$$U = \{\{1, 2, 3\}, \{3, 4, 5\}\}\}$$
find $G(U)$

$$\{\{1, 2, 4, 5\}, \{3, 4\}, \{3, 4, 5\}, \{4, 5\}\}\}, \{2\}\}$$

$$\{\{1, 2, 4, 5\}, \{3, 3\}\}\} = \{\{1, 2, 4, 5\}, \{3, 4, 5\}, \{3, 4, 5\}, \{4, 5\}\}\}, \{3, 4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{3, 3\}\}\} = \{\{1, 2, 4, 5\}, \{3, 4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\} = \{1, 2, 4, 5\}, \{4, 5\}\} = \{1, 2, 4, 5\}$$

$$\{\{1, 2, 4, 5\}, \{3, 4, 5\}\}, \{4, 5\}\} = \{1, 2, 4, 5\}$$

$$\{\{1, 2, 4, 5\}, \{3, 4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{3, 4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{3, 4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

$$\{\{1, 2, 4, 5\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}, \{4, 5\}\}$$

a) $\Omega = \{1, 2, 3, 4, 5\}$

Hy (W) = {0, 52, {13, {2,3,4,5}}