Example 3.190. [290]*Examples of transitive sets are:*

$$\{\} = 0$$
$$\{\{\}\} = 1,$$
$$\Big\{\{\}, \{\{\}\}\Big\} = 2,$$
$$\Big\{\{\}, \{\{\}\}, \big\{\{\{\}\}\big\}\Big\},$$
$$\Big\{\{\}, \{\{\}\}, \big\{\{\{\}\}\big\}, \big\{\{\{\{\}\}\}\big\}\Big\},$$
$$...$$
$$\Big\{\{\}, \{\{\}\}, \big\{\{\}, \{\{\}\}\big\}\Big\} = 3$$
$$\Big\{\{\}, \{\{\}\}, \big\{\{\{\}\}\big\}, \big\{\{\}, \{\{\}\}\big\}\Big\},$$
$$....$$

Comparing with [291] *note that there are transitive sets that are not natural numbers.*