$$\mathrm{mu}_{\mathscr{P}X} : \mathscr{P}(\mathscr{P}(\mathscr{P}X)) \longrightarrow \mathscr{P}(\mathscr{P}X)$$

$$\{\{\{a\},\{b\}\},\{\{c\},\{d\}\}\} \longmapsto \{\{a\},\{b\},\{c\},\{d\}\}$$