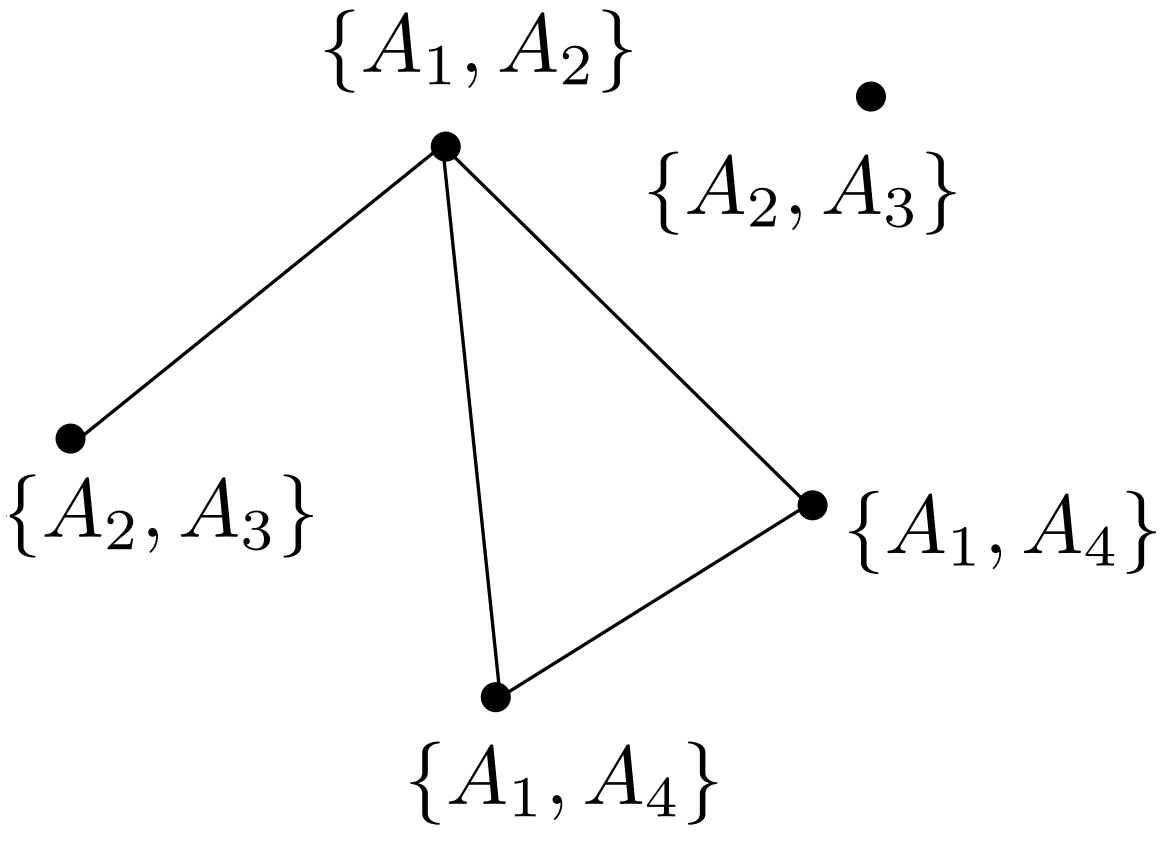
$\{A_1, A_2\}$
$\{A_2, A_3\}$
$\{A_2, A_3\}$
$\{A_1, A_4\}$
$\{A_1, A_4\}$