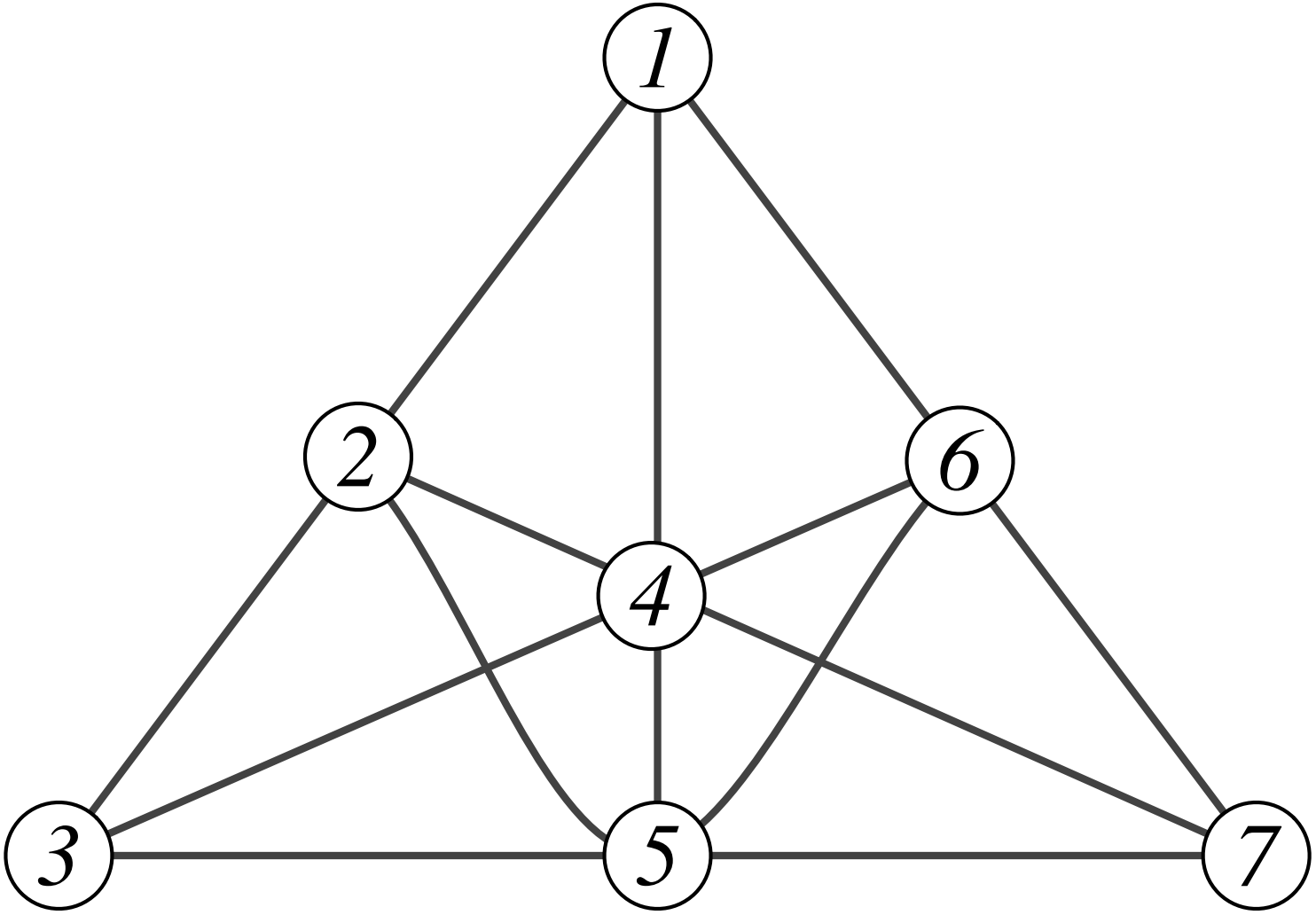

$$\mathcal{F} = \{123, 145, 167, 247, 256, 346, 357\}$$