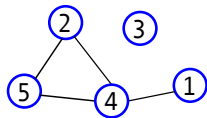
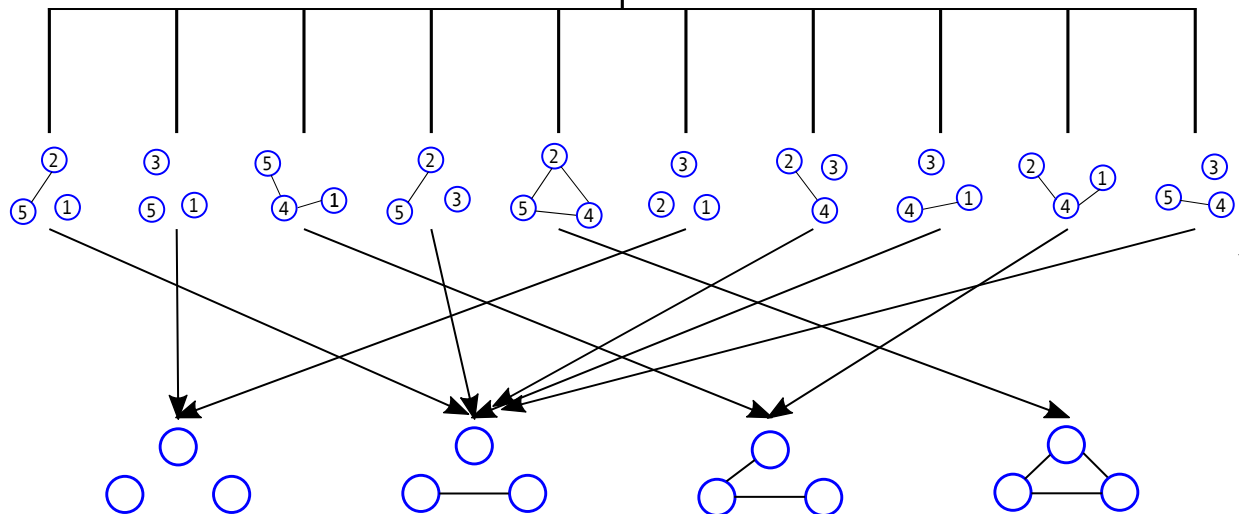


A graph \mathcal{G} from the dataset.



Enumerate all sub-graphs of size $k = 3$ in \mathcal{G} .



$\#(\text{sub-graphs}) = \binom{5}{3} = 10$

Matching cost
per sub-graph:
 $\mathcal{O}(4 * C_{comp})$

$\mathbf{f}_{\mathcal{G}} = \frac{1}{10} *$

2	5	2	1
---	---	---	---

$\mathbf{f}_{\mathcal{G}}$ cost:
 $\mathcal{O}(10 * 4 * C_{comp})$