

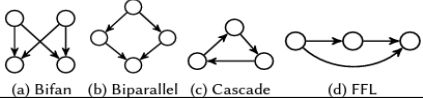
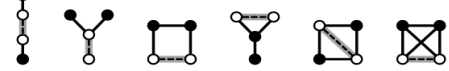
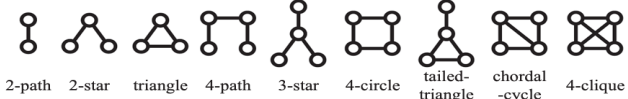
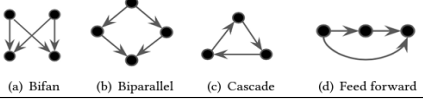
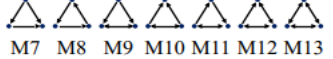
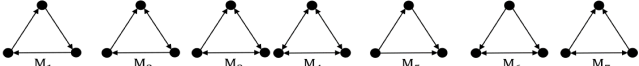



## Applications of Subgraph Matching

Count	Pattern Count	Symmetry	Title	Year	Publisher	Pattern	Screenshot
1	4	3	Finding Conserved Patterns in Multilayer Networks	2019	BCB		
2	5	5	Graph convolutional networks with motif-based attention	2019	CIKM	edge, 2-star, triangle, 3-star, 4-clique	
3	8	8	Motifs in big networks: Methods and applications	2019	IEEE Access		
4	1	1	EdMot: An Edge Enhancement Approach for Motif-aware Community Detection	2019	KDD	triangle	
5	1	1	OFFER: A Motif Dimensional Framework for Network Representation Learning	2020	CIKM	triangle	
6	5	5	Multivariate Relations Aggregation Learning in Social Networks	2020	JCDL		
7	1	1	Community Detection by Motif-Aware Label Propagation	2020	TKDD	triangle	
8	7	7	From Closing Triangles to Higher-Order Motif Closures for Better Unsupervised Online Link Prediction	2021	CIKM	triangle + 6 size 4 motifs	
9	9	9	Network Embedding via Motifs	2021	TKDD		
10	4	3	Identification of co-existing embeddings of a motif in multilayer networks	2022	BCB		
11	7	4	The Intrinsic Similarity of Topological Structure in Biological Neural Networks	2023	TCBB	triad	
12	1	1	Graph Neural Networks with Motif-aware for Tenuous Subgraph Finding	2023	TKDD	triangle	
13	7	7	An Attentional Multi-scale Co-evolving Model for Dynamic Link Prediction	2023	WWW		

**Total**

60

**Ratio**

55 0.917