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Table 1	Results	for res	lization	with	unweighted	graphs

Graph family	Range-DR	Set-DR						
General	Range-DR is polynomial [15]	Open problem						
Tree	3-Range-DR is NP-hard [4]	2-Set-DR is NP-hard (Thm 2)						
	1-Range-DR is polynomial [2]	1-Range-DR is polynomial [2]						
Star	Range-DR is polynomial ¹ (Thm 6)	2-Set-DR is polynomial (Thm 3)						
		6-Set-DR is NP-hard (Thm 5)						
Path	2-Range-DR is polynomial (Thm 7)	2-Set-DR is polynomial (Thm 7)						
	RANGE-DR is NP-hard (Thm 9)	5-Set-DR is NP-hard (Thm 10)						
Cycle	2-Range-DR is polynomial (Thm 13)	2-Set-DR is polynomial (Thm 13)						
	Range-DR is NP-hard (Thm 14)	5-Set-DR is NP-hard (Thm 15)						

Table 2 Results for realization with weighted graphs.







