

Selector Type	Angle Assignment	Selected Angles	Time
Scoring	BalancedAvg	235, 230, 345, 85, 320	0.45
Scoring	BalancedAvg	235, 230, 345, 85, 320, 30, 335, 245, 60	0.44
Scoring	BalancedAvg	235, 230, 345, 85, 320, 30, 335, 245, 60, 260, 70, 285, 105, 290	0.45
Scoring	BalancedMax	235, 230, 85, 345, 30	0.43
Scoring	BalancedMax	235, 230, 85, 345, 30, 335, 245, 320, 60	0.45
Scoring	BalancedMax	235, 230, 85, 345, 30, 335, 245, 320, 60, 70, 285, 105, 135, 90	0.47
Scoring	PrimalAvg	235, 230, 345, 85, 320	0.45
Scoring	PrimalAvg	235, 230, 345, 85, 320, 30, 335, 245, 260	0.44
Scoring	PrimalAvg	235, 230, 345, 85, 320, 30, 335, 245, 260, 60, 70, 285, 105, 240	0.46
Scoring	PrimalMax	235, 230, 85, 345, 30	0.43
Scoring	PrimalMax	235, 230, 85, 345, 30, 335, 245, 320, 60	0.45
Scoring	PrimalMax	235, 230, 85, 345, 30, 335, 245, 320, 60, 70, 285, 105, 135, 90	0.48
Scoring	DualAvg	235, 230, 345, 85, 320	0.46
Scoring	DualAvg	235, 230, 345, 85, 320, 30, 335, 245, 60	0.46
Scoring	DualAvg	235, 230, 345, 85, 320, 30, 335, 245, 60, 260, 70, 285, 105, 290	0.47
Scoring	DualMax	235, 230, 85, 345, 30	0.44
Scoring	DualMax	235, 230, 85, 345, 30, 335, 245, 320, 60	0.46
Scoring	DualMax	235, 230, 85, 345, 30, 335, 245, 320, 60, 70, 285, 105, 135, 90	0.49
Scoring	InteriorAvg	235, 230, 345, 85, 320	0.47
Scoring	InteriorAvg	235, 230, 345, 85, 320, 30, 335, 245, 60	0.47
Scoring	InteriorAvg	235, 230, 345, 85, 320, 30, 335, 245, 60, 260, 70, 285, 105, 290	0.47
Scoring	InteriorMax	235, 230, 85, 345, 30	0.45
Scoring	InteriorMax	235, 230, 85, 345, 30, 335, 245, 320, 60	0.47
Scoring	InteriorMax	235, 230, 85, 345, 30, 335, 245, 320, 60, 70, 285, 105, 135, 90	0.49
Scoring	SetCover1	45, 40, 35, 50, 225	0.42
Scoring	SetCover1	45, 40, 35, 50, 225, 220, 30, 55, 230	0.43
Scoring	SetCover1	45, 40, 35, 50, 225, 220, 30, 55, 230, 215, 60, 25, 235, 210	0.45
Scoring	SetCover2	35, 40, 45, 220, 50	0.42
Scoring	SetCover2	35, 40, 45, 220, 50, 230, 30, 225, 215	0.44
Scoring	SetCover2	35, 40, 45, 220, 50, 230, 30, 225, 215, 25, 210, 205, 170, 350	0.45
Scoring	Scoring	75, 85, 80, 70, 75	0.44
Scoring	Scoring	75, 85, 80, 70, 65, 55, 90, 60, 100	0.46
Scoring	Scoring	75, 85, 80, 70, 65, 55, 90, 60, 100, 50, 95, 265, 260, 255	0.47
Scoring	EntropyAvgBalanced	235, 230, 345, 85, 320	0.48
Scoring	EntropyAvgBalanced	235, 230, 345, 85, 320, 30, 335, 245, 60	0.48
Scoring	EntropyAvgBalanced	235, 230, 345, 85, 320, 30, 335, 245, 60, 70, 285, 105, 260, 135	0.49
Vector Quantizer	BalancedAvg	80, 180, 240, 270, 330	0.67
Vector Quantizer	BalancedMax	65, 135, 210, 270, 330	0.68
Vector Quantizer	PrimalAvg	80, 180, 240, 270, 330	0.68
Vector Quantizer	PrimalMax	65, 135, 210, 275, 335	0.70
Vector Quantizer	DualAvg	80, 180, 240, 270, 330	0.68
Vector Quantizer	DualMax	65, 135, 210, 270, 330	0.69
Vector Quantizer	InteriorAvg	80, 180, 240, 270, 330	0.69
Vector Quantizer	InteriorMax	65, 135, 210, 270, 330	0.69
Vector Quantizer	SetCover1	35, 105, 180, 230, 310	0.70
Vector Quantizer	SetCover2	35, 105, 180, 235, 310	0.72
Vector Quantizer	Scoring	55, 95, 170, 240, 315	0.72
Vector Quantizer	EntropyAvgBalanced	80, 180, 240, 265, 325	0.71
Vector Quantizer	BalancedAvg	65, 110, 180, 235, 240, 245, 270, 310, 345	0.74
Vector Quantizer	BalancedMax	55, 85, 115, 185, 235, 250, 280, 315, 350	0.74
Vector Quantizer	PrimalAvg	65, 110, 180, 235, 240, 245, 270, 315, 350	0.73
Vector Quantizer	PrimalMax	55, 85, 115, 185, 235, 250, 280, 315, 350	0.74
Vector Quantizer	DualAvg	65, 110, 180, 235, 240, 245, 270, 310, 345	0.75
Vector Quantizer	DualMax	55, 85, 115, 185, 235, 250, 280, 315, 350	0.75
Vector Quantizer	InteriorAvg	65, 110, 180, 235, 240, 245, 270, 310, 345	0.76
Vector Quantizer	InteriorMax	55, 85, 115, 185, 235, 250, 280, 315, 350	0.76
Vector Quantizer	SetCover1	20, 45, 75, 125, 180, 210, 235, 290, 350	0.77
Vector Quantizer	SetCover2	20, 45, 75, 130, 185, 210, 240, 295, 350	0.78
Vector Quantizer	Scoring	45, 70, 90, 115, 160, 210, 250, 280, 330	0.77
Vector Quantizer	EntropyAvgBalanced	65, 105, 180, 235, 240, 245, 265, 305, 345	0.76
Vector Quantizer	BalancedAvg	55, 80, 100, 145, 205, 235, 240, 245, 250, 260, 275, 305, 335, 355	0.77
Vector Quantizer	BalancedMax	45, 75, 90, 100, 125, 190, 235, 240, 245, 265, 285, 310, 335, 355	0.78
Vector Quantizer	PrimalAvg	55, 80, 105, 150, 205, 235, 240, 245, 250, 260, 275, 305, 335, 355	0.78
Vector Quantizer	PrimalMax	45, 75, 90, 100, 125, 190, 235, 240, 245, 265, 285, 310, 335, 355	0.78
Vector Quantizer	DualAvg	55, 80, 100, 145, 205, 235, 240, 245, 250, 260, 275, 305, 335, 355	0.78
Vector Quantizer	DualMax	45, 75, 90, 100, 125, 190, 235, 240, 245, 265, 285, 310, 335, 355	0.79
Vector Quantizer	InteriorAvg	55, 80, 100, 145, 205, 235, 240, 245, 250, 260, 275, 305, 335, 355	0.79
Vector Quantizer	InteriorMax	45, 75, 90, 100, 125, 190, 235, 240, 245, 265, 285, 310, 335, 355	0.80
Vector Quantizer	SetCover1	15, 35, 50, 65, 90, 130, 170, 190, 210, 225, 245, 275, 325, 355	0.84
Vector Quantizer	SetCover2	15, 30, 50, 65, 95, 140, 175, 195, 210, 230, 245, 285, 335, 355	0.81

Vector Quantizer	Scoring	35, 55, 70, 85, 95, 115, 145, 180, 215, 240, 255, 275, 300, 340	0.80
Vector Quantizer	EntropyAvgBalanced	50, 80, 100, 175, 235, 240, 245, 250, 255, 260, 275, 305, 330, 350	0.81
SetCover (tol=0.50)	BalancedAvg	85, 230, 235, 320, 345	0.56
SetCover (tol=0.75)	BalancedAvg	85, 230, 235, 320, 345	0.56
SetCover (tol=0.50)	BalancedMax	30, 85, 230, 235, 345	0.54
SetCover (tol=0.75)	BalancedMax	30, 85, 230, 235, 345	0.53
SetCover (tol=0.50)	PrimalAvg	85, 230, 235, 320, 345	0.56
SetCover (tol=0.75)	PrimalAvg	85, 230, 235, 320, 345	0.56
SetCover (tol=0.50)	PrimalMax	30, 85, 230, 235, 345	0.54
SetCover (tol=0.75)	PrimalMax	30, 85, 230, 235, 345	0.54
SetCover (tol=0.50)	DualAvg	85, 230, 235, 320, 345	0.57
SetCover (tol=0.75)	DualAvg	85, 230, 235, 320, 345	0.57
SetCover (tol=0.50)	DualMax	30, 85, 230, 235, 345	0.55
SetCover (tol=0.75)	DualMax	30, 85, 230, 235, 345	0.55
SetCover (tol=0.50)	InteriorAvg	85, 230, 235, 320, 345	0.57
SetCover (tol=0.75)	InteriorAvg	85, 230, 235, 320, 345	0.57
SetCover (tol=0.50)	InteriorMax	30, 85, 230, 235, 345	0.55
SetCover (tol=0.75)	InteriorMax	30, 85, 230, 235, 345	0.55
SetCover (tol=0.50)	SetCover1	35, 40, 45, 50, 225	0.52
SetCover (tol=0.75)	SetCover1	35, 40, 45, 50, 225	0.52
SetCover (tol=0.50)	SetCover2	35, 40, 45, 50, 220	0.52
SetCover (tol=0.75)	SetCover2	35, 40, 45, 50, 220	0.52
SetCover (tol=0.50)	Scoring	65, 70, 75, 80, 85	0.54
SetCover (tol=0.75)	Scoring	65, 70, 75, 80, 85	0.54
SetCover (tol=0.50)	EntropyAvgBalanced	85, 230, 235, 320, 345	0.58
SetCover (tol=0.75)	EntropyAvgBalanced	85, 230, 235, 320, 345	0.58
SetCover (tol=0.50)	BalancedAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.58
SetCover (tol=0.75)	BalancedAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.58
SetCover (tol=0.50)	BalancedMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.75)	BalancedMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.50)	PrimalAvg	30, 85, 230, 235, 245, 260, 320, 335, 345	0.58
SetCover (tol=0.75)	PrimalAvg	30, 85, 230, 235, 245, 260, 320, 335, 345	0.58
SetCover (tol=0.50)	PrimalMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.75)	PrimalMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.50)	DualAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.75)	DualAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.50)	DualMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.75)	DualMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.59
SetCover (tol=0.50)	InteriorAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.75)	InteriorAvg	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.50)	InteriorMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.75)	InteriorMax	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.50)	SetCover1	30, 35, 40, 45, 50, 55, 220, 225, 230	0.56
SetCover (tol=0.75)	SetCover1	30, 35, 40, 45, 50, 55, 220, 225, 230	0.56
SetCover (tol=0.50)	SetCover2	30, 35, 40, 45, 50, 215, 220, 225, 230	0.57
SetCover (tol=0.75)	SetCover2	30, 35, 40, 45, 50, 215, 220, 225, 230	0.56
SetCover (tol=0.50)	Scoring	55, 60, 65, 70, 75, 80, 85, 90, 100	0.59
SetCover (tol=0.75)	Scoring	55, 60, 65, 70, 75, 80, 85, 90, 100	0.59
SetCover (tol=0.50)	EntropyAvgBalanced	30, 60, 85, 230, 235, 245, 320, 335, 345	0.61
SetCover (tol=0.75)	EntropyAvgBalanced	30, 60, 85, 230, 235, 245, 320, 335, 345	0.60
SetCover (tol=0.50)	BalancedAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.61
SetCover (tol=0.75)	BalancedAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.62
SetCover (tol=0.50)	BalancedMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.64
SetCover (tol=0.75)	BalancedMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.64
SetCover (tol=0.50)	PrimalAvg	30, 60, 70, 85, 105, 230, 235, 240, 245, 260, 285, 320, 335, 345	0.62
SetCover (tol=0.75)	PrimalAvg	30, 60, 70, 85, 105, 230, 235, 240, 245, 260, 285, 320, 335, 345	0.62
SetCover (tol=0.50)	PrimalMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.64
SetCover (tol=0.75)	PrimalMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.65
SetCover (tol=0.50)	DualAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.62
SetCover (tol=0.75)	DualAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.62
SetCover (tol=0.50)	DualMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.65
SetCover (tol=0.75)	DualMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.65
SetCover (tol=0.50)	InteriorAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.63
SetCover (tol=0.75)	InteriorAvg	30, 60, 70, 85, 105, 230, 235, 245, 260, 285, 290, 320, 335, 345	0.63
SetCover (tol=0.50)	InteriorMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.66
SetCover (tol=0.75)	InteriorMax	30, 60, 70, 85, 90, 105, 135, 230, 235, 245, 285, 320, 335, 345	0.66
SetCover (tol=0.50)	SetCover1	25, 30, 35, 40, 45, 50, 55, 60, 210, 215, 220, 225, 230, 235	0.61
SetCover (tol=0.75)	SetCover1	25, 30, 35, 40, 45, 50, 55, 60, 210, 215, 220, 225, 230, 235	0.61
SetCover (tol=0.50)	SetCover2	25, 30, 35, 40, 45, 50, 170, 205, 210, 215, 220, 225, 230, 350	0.61
SetCover (tol=0.75)	SetCover2	25, 30, 35, 40, 45, 50, 170, 205, 210, 215, 220, 225, 230, 350	0.61
SetCover (tol=0.50)	Scoring	50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 255, 260, 265	0.62

SetCover (tol=0.75)	Scoring	50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 255, 260, 265	0.62
SetCover (tol=0.50)	EntropyAvgBalanced	30, 60, 70, 85, 105, 135, 230, 235, 245, 260, 285, 320, 335, 345	0.65
SetCover (tol=0.75)	EntropyAvgBalanced	30, 60, 70, 85, 105, 135, 230, 235, 245, 260, 285, 320, 335, 345	0.65
Local Search 1	N/A	50, 75, 160, 245, 320	7.83
Local Search 2	N/A	335, 50, 105, 255, 320	11.71
Local Search 1	N/A	55, 85, 100, 155, 165, 230, 245, 295, 325	20.27
Local Search 2	N/A	345, 60, 65, 125, 150, 225, 230, 285, 325	9.35
Local Search 1	N/A	40, 55, 60, 90, 135, 155, 175, 225, 230, 260, 285, 295, 320, 345	16.69
Local Search 2	N/A	5, 30, 55, 80, 110, 135, 160, 185, 210, 235, 260, 290, 315, 340	0.85
Simulated Annealing 1	N/A	15, 85, 160, 230, 305	33.16
Simulated Annealing 2	N/A	265, 245, 105, 320, 230	27.20
Simulated Annealing 3	N/A	320, 270, 45, 220, 230	27.90
Simulated Annealing 1	N/A	110, 150, 190, 230, 270, 310, 350, 30, 70	42.87
Simulated Annealing 2	N/A	320, 240, 200, 225, 270, 50, 335, 100, 165	42.79
Simulated Annealing 3	N/A	160, 60, 280, 210, 310, 50, 90, 115, 55	44.55
Simulated Annealing 1	N/A	360, 25, 50, 75, 105, 130, 155, 180, 205, 230, 255, 285, 310, 335	47.26
Simulated Annealing 2	N/A	140, 90, 260, 335, 230, 305, 340, 140, 285, 165, 240, 345, 75, 160	45.31
Simulated Annealing 3	N/A	70, 290, 265, 175, 185, 345, 240, 320, 25, 105, 50, 335, 295, 100	50.87
Genetic Algorithm 1	N/A	150, 100, 60, 300, 195	23.12
Genetic Algorithm 2	N/A	230, 5, 55, 305, 40	21.74
Genetic Algorithm 1	N/A	130, 105, 135, 110, 195, 40, 175, 270, 255	20.16
Genetic Algorithm 2	N/A	30, 230, 295, 350, 275, 300, 70, 270, 195	15.01
Genetic Algorithm 1	N/A	235, 305, 115, 355, 360, 40, 40, 215, 90, 145, 150, 210, 195, 250	18.34
Genetic Algorithm 2	N/A	215, 220, 230, 110, 190, 275, 135, 240, 340, 225, 280, 15, 130, 125	18.03