

Selector Type	Angle Assignment	Selected Angles	Time
Scoring	BalancedAvg	360, 185, 20, 5, 190	0.59
Scoring	BalancedAvg	360, 185, 20, 5, 190, 10, 200, 350, 175	0.60
Scoring	BalancedAvg	360, 185, 20, 5, 190, 10, 200, 350, 175, 180, 15, 345, 355	0.60
Scoring	BalancedMax	185, 20, 5, 360, 190	0.59
Scoring	BalancedMax	185, 20, 5, 360, 190, 200, 180, 10, 175	0.60
Scoring	BalancedMax	185, 20, 5, 360, 190, 200, 180, 10, 175, 350, 345, 15, 355	0.60
Scoring	PrimalAvg	360, 185, 20, 5, 190	0.60
Scoring	PrimalAvg	360, 185, 20, 5, 190, 10, 200, 350, 175	0.61
Scoring	PrimalAvg	360, 185, 20, 5, 190, 10, 200, 350, 175, 180, 15, 345, 355	0.61
Scoring	PrimalMax	185, 20, 5, 360, 190	0.60
Scoring	PrimalMax	185, 20, 5, 360, 190, 200, 180, 10, 175	0.61
Scoring	PrimalMax	185, 20, 5, 360, 190, 200, 180, 10, 175, 350, 345, 15, 355	0.61
Scoring	DualAvg	360, 185, 20, 5, 190	0.60
Scoring	DualAvg	360, 185, 20, 5, 190, 10, 200, 350, 175	0.61
Scoring	DualAvg	360, 185, 20, 5, 190, 10, 200, 350, 175, 180, 15, 345, 355	0.62
Scoring	DualMax	185, 20, 5, 360, 190	0.61
Scoring	DualMax	185, 20, 5, 360, 190, 200, 180, 10, 175	0.61
Scoring	DualMax	185, 20, 5, 360, 190, 200, 180, 10, 175, 350, 345, 15, 355	0.62
Scoring	InteriorAvg	360, 185, 20, 5, 190	0.61
Scoring	InteriorAvg	360, 185, 20, 5, 190, 10, 200, 350, 175	0.62
Scoring	InteriorAvg	360, 185, 20, 5, 190, 10, 200, 350, 175, 180, 15, 345, 355	0.62
Scoring	InteriorMax	185, 20, 5, 360, 190	0.61
Scoring	InteriorMax	185, 20, 5, 360, 190, 200, 180, 10, 175	0.61
Scoring	InteriorMax	185, 20, 5, 360, 190, 200, 180, 10, 175, 350, 345, 15, 355	0.62
Scoring	SetCover1	60, 80, 70, 85, 75	0.60
Scoring	SetCover1	60, 80, 70, 85, 75, 65, 90, 250, 240	0.60
Scoring	SetCover1	60, 80, 70, 85, 75, 65, 90, 250, 240, 235, 95, 245, 255, 230	0.60
Scoring	SetCover2	60, 70, 80, 250, 65	0.61
Scoring	SetCover2	60, 70, 80, 250, 65, 75, 255, 85, 230	0.61
Scoring	SetCover2	60, 70, 80, 250, 65, 75, 255, 85, 230, 235, 240, 245, 265, 260	0.61
Scoring	Scoring	185, 5, 190, 180, 10	0.62
Scoring	Scoring	185, 5, 190, 180, 10, 360, 355, 175, 195	0.63
Scoring	Scoring	185, 5, 190, 180, 10, 360, 355, 175, 195, 15, 350, 170, 20, 200	0.64
Scoring	EntropyAvgBalanced	360, 185, 20, 5, 190	0.63
Scoring	EntropyAvgBalanced	360, 185, 20, 5, 190, 200, 10, 180, 350	0.63
Scoring	EntropyAvgBalanced	360, 185, 20, 5, 190, 200, 10, 180, 350, 175, 15, 345, 355	0.64
Vector Quantizer	BalancedAvg	15, 105, 190, 280, 280	0.92
Vector Quantizer	BalancedMax	15, 105, 185, 195, 285	0.93
Vector Quantizer	PrimalAvg	15, 105, 190, 280, 280	0.93
Vector Quantizer	PrimalMax	15, 105, 185, 195, 285	0.93
Vector Quantizer	DualAvg	15, 105, 190, 280, 280	0.93
Vector Quantizer	DualMax	15, 105, 185, 195, 285	0.94
Vector Quantizer	InteriorAvg	15, 105, 190, 280, 280	0.94
Vector Quantizer	InteriorMax	15, 105, 185, 195, 285	0.94
Vector Quantizer	SetCover1	55, 110, 185, 260, 325	0.94
Vector Quantizer	SetCover2	55, 110, 185, 260, 325	0.94
Vector Quantizer	Scoring	10, 100, 185, 270, 355	0.96
Vector Quantizer	EntropyAvgBalanced	15, 110, 190, 280, 280	0.95
Vector Quantizer	BalancedAvg	10, 20, 100, 185, 190, 200, 280, 360, 360	0.96
Vector Quantizer	BalancedMax	10, 20, 100, 185, 190, 195, 200, 280, 360	0.96
Vector Quantizer	PrimalAvg	10, 20, 100, 185, 190, 200, 280, 360, 360	0.97
Vector Quantizer	PrimalMax	10, 20, 100, 185, 190, 195, 200, 280, 360	0.97
Vector Quantizer	DualAvg	10, 20, 100, 185, 190, 200, 280, 360, 360	0.97
Vector Quantizer	DualMax	10, 20, 100, 185, 190, 195, 200, 280, 360	0.98
Vector Quantizer	InteriorAvg	10, 20, 100, 185, 190, 200, 280, 360, 360	0.98
Vector Quantizer	InteriorMax	10, 20, 100, 185, 190, 195, 200, 280, 360	0.98
Vector Quantizer	SetCover1	45, 70, 100, 130, 185, 235, 265, 295, 340	0.97
Vector Quantizer	SetCover2	40, 70, 100, 130, 185, 235, 265, 295, 340	0.98
Vector Quantizer	Scoring	10, 20, 100, 180, 185, 195, 270, 350, 360	1.00
Vector Quantizer	EntropyAvgBalanced	10, 20, 100, 185, 190, 200, 280, 360, 360	0.99
Vector Quantizer	BalancedAvg	10, 15, 20, 25, 105, 185, 190, 195, 200, 280, 355, 360, 360, 220	1.00
Vector Quantizer	BalancedMax	10, 15, 20, 25, 105, 180, 185, 190, 195, 200, 205, 280, 360, 360	1.00
Vector Quantizer	PrimalAvg	10, 15, 20, 25, 105, 185, 190, 195, 200, 280, 355, 360, 360, 220	1.01
Vector Quantizer	PrimalMax	10, 15, 20, 25, 105, 180, 185, 190, 195, 200, 205, 280, 360, 360	1.01
Vector Quantizer	DualAvg	10, 15, 20, 25, 105, 185, 190, 195, 200, 280, 355, 360, 360, 220	1.01
Vector Quantizer	DualMax	10, 15, 20, 25, 105, 180, 185, 190, 195, 200, 205, 280, 360, 360	1.01
Vector Quantizer	InteriorAvg	10, 15, 20, 25, 105, 185, 190, 195, 200, 280, 355, 360, 360, 220	1.01
Vector Quantizer	InteriorMax	10, 15, 20, 25, 105, 180, 185, 190, 195, 200, 205, 280, 360, 360	1.02
Vector Quantizer	SetCover1	30, 55, 75, 90, 110, 130, 170, 210, 235, 255, 275, 295, 315, 345	1.01
Vector Quantizer	SetCover2	30, 55, 70, 90, 110, 130, 165, 205, 235, 255, 270, 290, 315, 345	1.01
Vector Quantizer	Scoring	10, 15, 20, 95, 170, 180, 185, 190, 195, 200, 275, 350, 355, 360	1.04

Vector Quantizer	EntropyAvgBalanced	10, 15, 20, 25, 105, 185, 190, 195, 200, 275, 355, 355, 355, 225	1.03
SetCover (tol=0.50)	BalancedAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	BalancedAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	BalancedMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	BalancedMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	PrimalAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	PrimalAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	PrimalMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	PrimalMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	DualAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	DualAvg	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	DualMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.75)	DualMax	5, 20, 185, 190, 360	0.70
SetCover (tol=0.50)	InteriorAvg	5, 20, 185, 190, 360	0.71
SetCover (tol=0.75)	InteriorAvg	5, 20, 185, 190, 360	0.71
SetCover (tol=0.50)	InteriorMax	5, 20, 185, 190, 360	0.71
SetCover (tol=0.75)	InteriorMax	5, 20, 185, 190, 360	0.71
SetCover (tol=0.50)	SetCover1	5, 60, 70, 80, 85	0.70
SetCover (tol=0.75)	SetCover1	5, 25, 60, 70, 80	0.70
SetCover (tol=0.50)	SetCover2	5, 60, 70, 80, 250	0.70
SetCover (tol=0.75)	SetCover2	5, 25, 60, 70, 250	0.71
SetCover (tol=0.50)	Scoring	5, 10, 180, 185, 190	0.71
SetCover (tol=0.75)	Scoring	5, 10, 180, 185, 190	0.71
SetCover (tol=0.50)	EntropyAvgBalanced	5, 20, 185, 190, 360	0.72
SetCover (tol=0.75)	EntropyAvgBalanced	5, 20, 185, 190, 360	0.72
SetCover (tol=0.50)	BalancedAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.73
SetCover (tol=0.75)	BalancedAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.72
SetCover (tol=0.50)	BalancedMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.72
SetCover (tol=0.75)	BalancedMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.73
SetCover (tol=0.50)	PrimalAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.74
SetCover (tol=0.75)	PrimalAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.73
SetCover (tol=0.50)	PrimalMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.74
SetCover (tol=0.75)	PrimalMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.73
SetCover (tol=0.50)	DualAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.74
SetCover (tol=0.75)	DualAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.74
SetCover (tol=0.50)	DualMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.74
SetCover (tol=0.75)	DualMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.74
SetCover (tol=0.50)	InteriorAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.75
SetCover (tol=0.75)	InteriorAvg	5, 10, 20, 175, 185, 190, 200, 350, 360	0.75
SetCover (tol=0.50)	InteriorMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.74
SetCover (tol=0.75)	InteriorMax	5, 10, 20, 175, 180, 185, 190, 200, 360	0.74
SetCover (tol=0.50)	SetCover1	5, 60, 65, 70, 75, 80, 85, 90, 250	0.73
SetCover (tol=0.75)	SetCover1	5, 25, 60, 65, 70, 75, 80, 85, 90	0.73
SetCover (tol=0.50)	SetCover2	5, 60, 65, 70, 75, 80, 85, 250, 255	0.73
SetCover (tol=0.75)	SetCover2	5, 25, 60, 65, 70, 75, 80, 250, 255	0.74
SetCover (tol=0.50)	Scoring	5, 10, 175, 180, 185, 190, 195, 355, 360	0.76
SetCover (tol=0.75)	Scoring	5, 10, 175, 180, 185, 190, 195, 355, 360	0.75
SetCover (tol=0.50)	EntropyAvgBalanced	5, 10, 20, 180, 185, 190, 200, 350, 360	0.75
SetCover (tol=0.75)	EntropyAvgBalanced	5, 10, 20, 180, 185, 190, 200, 350, 360	0.75
SetCover (tol=0.50)	BalancedAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.75)	BalancedAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.50)	BalancedMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.75)	BalancedMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.50)	PrimalAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.75)	PrimalAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.76
SetCover (tol=0.50)	PrimalMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.77
SetCover (tol=0.75)	PrimalMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.77
SetCover (tol=0.50)	DualAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.77
SetCover (tol=0.75)	DualAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.77
SetCover (tol=0.50)	DualMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.77
SetCover (tol=0.75)	DualMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.78
SetCover (tol=0.50)	InteriorAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.78
SetCover (tol=0.75)	InteriorAvg	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.78
SetCover (tol=0.50)	InteriorMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.78
SetCover (tol=0.75)	InteriorMax	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.78
SetCover (tol=0.50)	SetCover1	5, 60, 65, 70, 75, 80, 85, 90, 95, 235, 240, 245, 250, 255	0.76
SetCover (tol=0.75)	SetCover1	5, 25, 60, 65, 70, 75, 80, 85, 90, 95, 235, 240, 245, 250	0.76
SetCover (tol=0.50)	SetCover2	5, 60, 65, 70, 75, 80, 85, 230, 235, 240, 245, 250, 255, 265	0.76
SetCover (tol=0.75)	SetCover2	5, 25, 60, 65, 70, 75, 80, 230, 235, 240, 245, 250, 255, 265	0.76
SetCover (tol=0.50)	Scoring	5, 10, 15, 20, 170, 175, 180, 185, 190, 195, 200, 350, 355, 360	0.79
SetCover (tol=0.75)	Scoring	5, 10, 15, 20, 170, 175, 180, 185, 190, 195, 200, 350, 355, 360	0.79

SetCover (tol=0.50)	EntropyAvgBalanced	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.79
SetCover (tol=0.75)	EntropyAvgBalanced	5, 10, 15, 20, 25, 175, 180, 185, 190, 200, 345, 350, 355, 360	0.79
Local Search 1	N/A	5, 190, 200, 350, 355	4.65
Local Search 2	N/A	5, 75, 200, 190, 355	2.86
Local Search 1	N/A	5, 175, 180, 190, 200, 330, 345, 350, 355	8.62
Local Search 2	N/A	5, 350, 85, 175, 200, 190, 245, 285, 360	3.80
Local Search 1	N/A	5, 40, 140, 145, 175, 180, 190, 200, 220, 235, 330, 345, 350, 255	10.77
Local Search 2	N/A	5, 30, 55, 80, 110, 135, 160, 185, 210, 235, 260, 290, 315, 340	0.92
Simulated Annealing 1	N/A	40, 110, 185, 255, 330	3.98
Simulated Annealing 2	N/A	30, 185, 295, 360, 155	4.40
Simulated Annealing 3	N/A	190, 355, 20, 5, 130	4.34
Simulated Annealing 1	N/A	245, 285, 325, 5, 45, 85, 125, 165, 205	6.84
Simulated Annealing 2	N/A	115, 75, 215, 190, 355, 245, 200, 55, 5	6.68
Simulated Annealing 3	N/A	5, 335, 20, 240, 205, 180, 210, 190, 115	8.97
Simulated Annealing 1	N/A	315, 340, 5, 30, 60, 85, 110, 135, 160, 185, 210, 240, 265, 290	7.55
Simulated Annealing 2	N/A	190, 175, 265, 15, 170, 20, 360, 30, 200, 5, 60, 345, 55, 45	10.16
Simulated Annealing 3	N/A	40, 145, 130, 180, 205, 285, 155, 165, 115, 250, 185, 190, 175, 20	10.35
Genetic Algorithm 1	N/A	190, 260, 335, 45, 120	3.14
Genetic Algorithm 2	N/A	265, 220, 295, 255, 245	2.23
Genetic Algorithm 1	N/A	200, 210, 180, 220, 245, 290, 280, 125, 160	2.81
Genetic Algorithm 2	N/A	100, 295, 290, 300, 275, 235, 20, 345, 200	3.10
Genetic Algorithm 1	N/A	115, 140, 345, 190, 220, 245, 270, 295, 70, 340, 10, 30, 65, 90	3.09
Genetic Algorithm 2	N/A	185, 15, 315, 90, 20, 280, 325, 115, 55, 315, 275, 250, 205, 195	3.52