

Selector Type	Angle Assignment	Selected Angles	Time
Scoring	BalancedAvg	75, 70, 255, 230, 235	0.82
Scoring	BalancedAvg	75, 70, 255, 230, 235, 240, 245, 250, 50	0.83
Scoring	BalancedAvg	75, 70, 255, 230, 235, 240, 245, 250, 50, 55, 60, 65, 195, 200	0.92
Scoring	BalancedMax	5, 10, 15, 20, 125	0.82
Scoring	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45	0.85
Scoring	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	0.91
Scoring	PrimalAvg	310, 285, 205, 55, 230	0.94
Scoring	PrimalAvg	310, 285, 205, 55, 230, 280, 90, 245, 150	0.96
Scoring	PrimalAvg	310, 285, 205, 55, 230, 280, 90, 245, 150, 80, 360, 220, 160, 15	1.01
Scoring	PrimalMax	280, 285, 310, 230, 245	0.91
Scoring	PrimalMax	280, 285, 310, 230, 245, 150, 80, 360, 220	1.06
Scoring	PrimalMax	280, 285, 310, 230, 245, 150, 80, 360, 220, 160, 205, 275, 15, 55	0.98
Scoring	DualAvg	95, 185, 110, 340, 70	0.95
Scoring	DualAvg	95, 185, 110, 340, 70, 330, 160, 105, 245	0.98
Scoring	DualAvg	95, 185, 110, 340, 70, 330, 160, 105, 245, 50, 360, 260, 30, 220	0.99
Scoring	DualMax	110, 185, 95, 340, 330	0.93
Scoring	DualMax	110, 185, 95, 340, 330, 160, 70, 105, 245	0.99
Scoring	DualMax	110, 185, 95, 340, 330, 160, 70, 105, 245, 50, 360, 260, 30, 220	1.00
Scoring	InteriorAvg	110, 80, 105, 175, 150	0.92
Scoring	InteriorAvg	110, 80, 105, 175, 150, 195, 85, 290, 260	0.97
Scoring	InteriorAvg	110, 80, 105, 175, 150, 195, 85, 290, 260, 15, 165, 355, 285, 265	0.99
Scoring	InteriorMax	160, 165, 70, 120, 110	0.92
Scoring	InteriorMax	160, 165, 70, 120, 110, 25, 345, 250, 210	1.01
Scoring	InteriorMax	160, 165, 70, 120, 110, 25, 345, 250, 210, 290, 75, 30, 340, 205	1.01
Scoring	Scoring	275, 95, 5, 185, 280	0.91
Scoring	Scoring	275, 95, 5, 185, 280, 90, 270, 135, 100	0.95
Scoring	Scoring	275, 95, 5, 185, 280, 90, 270, 135, 100, 300, 325, 70, 235, 250	1.01
Vector Quantizer	BalancedAvg	50, 115, 190, 260, 330	1.43
Vector Quantizer	BalancedMax	50, 115, 190, 260, 330	1.45
Vector Quantizer	PrimalAvg	65, 135, 215, 270, 325	1.38
Vector Quantizer	PrimalMax	60, 135, 215, 270, 325	1.36
Vector Quantizer	DualAvg	70, 105, 150, 245, 335	1.33
Vector Quantizer	DualMax	50, 95, 150, 260, 345	1.35
Vector Quantizer	InteriorAvg	50, 115, 185, 255, 330	1.42
Vector Quantizer	InteriorMax	50, 115, 185, 255, 330	1.42
Vector Quantizer	Scoring	50, 115, 185, 260, 330	1.44
Vector Quantizer	BalancedAvg	30, 65, 105, 145, 185, 225, 265, 305, 345	1.46
Vector Quantizer	BalancedMax	30, 65, 105, 150, 190, 230, 270, 310, 345	1.46
Vector Quantizer	PrimalAvg	40, 75, 125, 180, 220, 250, 275, 300, 340	1.51
Vector Quantizer	PrimalMax	35, 85, 130, 180, 220, 250, 275, 300, 340	1.48
Vector Quantizer	DualAvg	50, 85, 100, 110, 140, 175, 225, 305, 355	1.42
Vector Quantizer	DualMax	35, 80, 105, 110, 150, 205, 245, 305, 355	1.48
Vector Quantizer	InteriorAvg	30, 70, 105, 145, 185, 225, 265, 305, 345	1.47
Vector Quantizer	InteriorMax	30, 65, 105, 145, 185, 225, 265, 310, 345	1.46
Vector Quantizer	Scoring	30, 70, 105, 145, 185, 230, 265, 305, 345	1.44
Vector Quantizer	BalancedAvg	20, 45, 70, 95, 120, 145, 170, 200, 225, 250, 275, 300, 325, 350	1.51
Vector Quantizer	BalancedMax	20, 45, 70, 95, 120, 145, 175, 200, 225, 250, 275, 300, 325, 350	1.51
Vector Quantizer	PrimalAvg	20, 55, 80, 120, 155, 180, 210, 230, 245, 265, 280, 285, 305, 340	1.47
Vector Quantizer	PrimalMax	20, 60, 90, 125, 160, 180, 210, 235, 260, 275, 280, 285, 305, 340	1.46
Vector Quantizer	DualAvg	35, 65, 85, 100, 105, 110, 115, 140, 175, 205, 245, 300, 340, 355	1.46
Vector Quantizer	DualMax	25, 60, 85, 100, 105, 110, 140, 175, 190, 220, 275, 320, 340, 355	1.52
Vector Quantizer	InteriorAvg	20, 45, 70, 95, 120, 145, 170, 195, 220, 250, 275, 300, 325, 350	1.55
Vector Quantizer	InteriorMax	20, 45, 70, 95, 120, 145, 170, 195, 225, 250, 275, 300, 330, 355	1.52
Vector Quantizer	Scoring	20, 45, 70, 95, 120, 145, 175, 200, 225, 250, 275, 300, 325, 350	1.54
SetCover (tol=0.50)	BalancedAvg	70, 75, 230, 245, 255	0.90
SetCover (tol=0.75)	BalancedAvg	70, 75, 230, 245, 255	0.90
SetCover (tol=0.50)	BalancedMax	5, 10, 15, 20, 25	0.90
SetCover (tol=0.75)	BalancedMax	5, 10, 15, 20, 25	0.90
SetCover (tol=0.50)	PrimalAvg	55, 205, 230, 285, 310	1.02
SetCover (tol=0.75)	PrimalAvg	55, 205, 230, 285, 310	1.02
SetCover (tol=0.50)	PrimalMax	230, 245, 280, 285, 310	0.99
SetCover (tol=0.75)	PrimalMax	230, 245, 280, 285, 310	0.99
SetCover (tol=0.50)	DualAvg	70, 95, 110, 185, 340	1.02
SetCover (tol=0.75)	DualAvg	70, 95, 110, 185, 340	1.02
SetCover (tol=0.50)	DualMax	95, 110, 185, 330, 340	1.00
SetCover (tol=0.75)	DualMax	95, 110, 185, 330, 340	1.00
SetCover (tol=0.50)	InteriorAvg	80, 105, 110, 150, 175	0.99
SetCover (tol=0.75)	InteriorAvg	80, 105, 110, 150, 175	0.99
SetCover (tol=0.50)	InteriorMax	70, 110, 120, 160, 165	0.99
SetCover (tol=0.75)	InteriorMax	70, 110, 120, 160, 165	1.00

SetCover (tol=0.50)	Scoring	5, 95, 185, 275, 280	0.97
SetCover (tol=0.75)	Scoring	5, 95, 185, 275, 280	0.98
SetCover (tol=0.50)	BalancedAvg	65, 70, 75, 230, 235, 240, 245, 250, 255	0.93
SetCover (tol=0.75)	BalancedAvg	65, 70, 75, 230, 235, 240, 245, 250, 255	0.93
SetCover (tol=0.50)	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45	0.95
SetCover (tol=0.75)	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45	0.95
SetCover (tol=0.50)	PrimalAvg	55, 90, 150, 205, 230, 245, 280, 285, 310	1.06
SetCover (tol=0.75)	PrimalAvg	55, 90, 150, 205, 230, 245, 280, 285, 310	1.06
SetCover (tol=0.50)	PrimalMax	80, 150, 220, 230, 245, 280, 285, 310, 360	1.15
SetCover (tol=0.75)	PrimalMax	80, 150, 220, 230, 245, 280, 285, 310, 360	1.15
SetCover (tol=0.50)	DualAvg	70, 95, 105, 110, 160, 185, 245, 330, 340	1.08
SetCover (tol=0.75)	DualAvg	70, 95, 105, 110, 160, 185, 245, 330, 340	1.08
SetCover (tol=0.50)	DualMax	70, 95, 105, 110, 160, 185, 245, 330, 340	1.08
SetCover (tol=0.75)	DualMax	70, 95, 105, 110, 160, 185, 245, 330, 340	1.08
SetCover (tol=0.50)	InteriorAvg	80, 85, 105, 110, 150, 175, 195, 260, 290	1.06
SetCover (tol=0.75)	InteriorAvg	80, 85, 105, 110, 150, 175, 195, 260, 290	1.07
SetCover (tol=0.50)	InteriorMax	25, 70, 110, 120, 160, 165, 210, 250, 345	1.09
SetCover (tol=0.75)	InteriorMax	25, 70, 110, 120, 160, 165, 210, 250, 345	1.10
SetCover (tol=0.50)	Scoring	5, 90, 95, 100, 135, 185, 270, 275, 280	1.04
SetCover (tol=0.75)	Scoring	5, 90, 95, 100, 135, 185, 270, 275, 280	1.04
SetCover (tol=0.50)	BalancedAvg	50, 55, 60, 65, 70, 75, 220, 225, 230, 235, 240, 245, 250, 255	0.96
SetCover (tol=0.75)	BalancedAvg	50, 55, 60, 65, 70, 75, 220, 225, 230, 235, 240, 245, 250, 255	0.97
SetCover (tol=0.50)	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	1.02
SetCover (tol=0.75)	BalancedMax	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70	1.02
SetCover (tol=0.50)	PrimalAvg	15, 55, 80, 90, 150, 160, 205, 220, 230, 245, 280, 285, 310, 360	1.12
SetCover (tol=0.75)	PrimalAvg	15, 55, 80, 90, 150, 160, 205, 220, 230, 245, 280, 285, 310, 360	1.12
SetCover (tol=0.50)	PrimalMax	15, 55, 80, 150, 160, 205, 220, 230, 245, 275, 280, 285, 310, 360	1.08
SetCover (tol=0.75)	PrimalMax	15, 55, 80, 150, 160, 205, 220, 230, 245, 275, 280, 285, 310, 360	1.08
SetCover (tol=0.50)	DualAvg	30, 50, 70, 95, 105, 110, 160, 185, 220, 245, 260, 330, 340, 360	1.10
SetCover (tol=0.75)	DualAvg	30, 50, 70, 95, 105, 110, 160, 185, 220, 245, 260, 330, 340, 360	1.10
SetCover (tol=0.50)	DualMax	30, 50, 70, 95, 105, 110, 160, 185, 220, 245, 260, 330, 340, 360	1.10
SetCover (tol=0.75)	DualMax	30, 50, 70, 95, 105, 110, 160, 185, 220, 245, 260, 330, 340, 360	1.10
SetCover (tol=0.50)	InteriorAvg	15, 80, 85, 105, 110, 150, 165, 175, 195, 260, 265, 285, 290, 355	1.09
SetCover (tol=0.75)	InteriorAvg	15, 80, 85, 105, 110, 150, 165, 175, 195, 260, 265, 285, 290, 355	1.09
SetCover (tol=0.50)	InteriorMax	25, 30, 70, 75, 110, 120, 160, 165, 205, 210, 250, 290, 340, 345	1.11
SetCover (tol=0.75)	InteriorMax	25, 30, 70, 75, 110, 120, 160, 165, 205, 210, 250, 290, 340, 345	1.11
SetCover (tol=0.50)	Scoring	5, 70, 90, 95, 100, 135, 185, 235, 250, 270, 275, 280, 300, 325	1.10
SetCover (tol=0.75)	Scoring	5, 70, 90, 95, 100, 135, 185, 235, 250, 270, 275, 280, 300, 325	1.11
Local Search 1	N/A	5, 75, 150, 220, 340	24.81
Local Search 2	N/A	5, 75, 150, 220, 295	11.32
Local Search 1	N/A	35, 45, 85, 125, 165, 205, 270, 285, 325	31.10
Local Search 2	N/A	345, 65, 85, 125, 165, 205, 245, 285, 325	18.27
Local Search 1	N/A	20, 30, 55, 80, 120, 145, 175, 185, 210, 235, 275, 290, 315, 340	28.19
Local Search 2	N/A	5, 30, 55, 80, 110, 135, 160, 185, 210, 235, 260, 290, 315, 340	1.70
Simulated Annealing 1	N/A	235, 305, 20, 90, 165	126.45
Simulated Annealing 2	N/A	25, 245, 135, 285, 335	78.36
Simulated Annealing 3	N/A	285, 205, 225, 205, 250	73.19
Simulated Annealing 1	N/A	220, 260, 300, 340, 20, 60, 100, 140, 180	134.42
Simulated Annealing 2	N/A	110, 175, 210, 240, 255, 230, 325, 260, 350	130.77
Simulated Annealing 3	N/A	190, 205, 255, 20, 70, 135, 115, 210, 65	115.21
Simulated Annealing 1	N/A	220, 245, 270, 295, 325, 350, 15, 40, 65, 90, 115, 145, 170, 195	143.84
Simulated Annealing 2	N/A	105, 190, 95, 170, 265, 15, 355, 75, 35, 310, 130, 145, 15, 235	122.56
Simulated Annealing 3	N/A	125, 55, 330, 315, 335, 280, 205, 90, 145, 170, 120, 15, 240, 65	140.56
Genetic Algorithm 1	N/A	260, 200, 30, 120, 175	85.58
Genetic Algorithm 2	N/A	330, 140, 300, 335, 185	57.52
Genetic Algorithm 1	N/A	55, 95, 230, 175, 40, 75, 295, 295, 195	29.34
Genetic Algorithm 2	N/A	85, 310, 185, 20, 255, 200, 150, 105, 195	51.14
Genetic Algorithm 1	N/A	95, 120, 145, 170, 20, 225, 250, 275, 120, 325, 170, 20, 45, 70	28.06
Genetic Algorithm 2	N/A	45, 205, 290, 305, 240, 25, 85, 125, 170, 325, 270, 300, 165, 180	46.93