

Selector	Type	Angle Assignment	Selected Angles	Time
Scoring		BalancedAvg	75, 80, 245, 55, 70	0.02
Scoring		BalancedAvg	75, 80, 245, 55, 70, 45, 50, 255, 60	0.02
Scoring		BalancedAvg	75, 80, 245, 55, 70, 45, 50, 255, 60	0.02
Scoring		BalancedMax	75, 80, 245, 55, 70	0.02
Scoring		BalancedMax	75, 80, 245, 55, 70, 45, 50, 255, 60	0.02
Scoring		BalancedMax	75, 80, 245, 55, 70, 45, 50, 255, 60	0.03
Scoring		PrimalAvg	75, 80, 245, 55, 70	0.03
Scoring		PrimalAvg	75, 80, 245, 55, 70, 45, 50, 255	0.03
Scoring		PrimalAvg	75, 80, 245, 55, 70, 45, 50, 255	0.03
Scoring		PrimalMax	75, 80, 245, 55, 70	0.03
Scoring		PrimalMax	75, 80, 245, 55, 70, 45, 50, 255	0.03
Scoring		PrimalMax	75, 80, 245, 55, 70, 45, 50, 255	0.03
Scoring		DualAvg	75, 80, 245, 55, 70	0.03
Scoring		DualAvg	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		DualAvg	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		DualMax	75, 80, 245, 55, 70	0.04
Scoring		DualMax	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		DualMax	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		InteriorAvg	75, 80, 245, 55, 70	0.04
Scoring		InteriorAvg	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		InteriorAvg	75, 80, 245, 55, 70, 45, 50, 255	0.04
Scoring		InteriorMax	75, 80, 245, 55, 70	0.04
Scoring		InteriorMax	75, 80, 245, 55, 70, 45, 50, 255	0.05
Scoring		InteriorMax	75, 80, 245, 55, 70, 45, 50, 255	0.05
Scoring		SetCover1	85, 90, 95, 100, 105	0.05
Scoring		SetCover1	85, 90, 95, 100, 105, 110, 115, 120, 160	0.05
Scoring		SetCover1	85, 90, 95, 100, 105, 110, 115, 120, 160, 265, 270, 275, 280, 285	0.05
Scoring		SetCover2	85, 90, 95, 100, 105	0.05
Scoring		SetCover2	85, 90, 95, 100, 105, 110, 115, 120, 160	0.05
Scoring		SetCover2	85, 90, 95, 100, 105, 110, 115, 120, 160, 265, 270, 275, 280, 285	0.05
Scoring		Scoring	55, 230, 65, 235, 245	0.06
Scoring		Scoring	55, 230, 65, 235, 245, 60, 240, 75, 255	0.06
Scoring		Scoring	55, 230, 65, 235, 245, 60, 240, 75, 255, 70, 250, 265, 85, 80	0.06
Scoring		EntropyAvgBalanced	75, 80, 245, 55, 70	0.06
Scoring		EntropyAvgBalanced	75, 80, 245, 55, 70, 45, 50, 255	0.06
Scoring		EntropyAvgBalanced	75, 80, 245, 55, 70, 45, 50, 255	0.06
Vector Quantizer		BalancedAvg	70, 80, 85, 170, 305	0.09
Vector Quantizer		BalancedMax	70, 80, 85, 170, 305	0.09
Vector Quantizer		PrimalAvg	70, 80, 85, 170, 305	0.10
Vector Quantizer		PrimalMax	70, 80, 85, 170, 305	0.10
Vector Quantizer		DualAvg	70, 80, 85, 170, 305	0.10
Vector Quantizer		DualMax	70, 80, 85, 170, 305	0.10
Vector Quantizer		InteriorAvg	70, 80, 85, 170, 305	0.11
Vector Quantizer		InteriorMax	70, 80, 85, 170, 305	0.11
Vector Quantizer		SetCover1	70, 135, 210, 280, 335	0.11
Vector Quantizer		SetCover2	70, 135, 205, 280, 335	0.11
Vector Quantizer		Scoring	55, 65, 150, 235, 300	0.12
Vector Quantizer		EntropyAvgBalanced	70, 80, 85, 170, 305	0.12
Vector Quantizer		BalancedAvg	60, 75, 80, 85, 90, 95, 175, 250, 310	0.12
Vector Quantizer		BalancedMax	60, 75, 80, 85, 90, 95, 175, 250, 310	0.13
Vector Quantizer		PrimalAvg	60, 75, 80, 85, 90, 95, 175, 250, 310	0.13
Vector Quantizer		PrimalMax	60, 75, 80, 85, 90, 95, 175, 250, 310	0.13
Vector Quantizer		DualAvg	60, 75, 80, 85, 90, 95, 175, 250, 310	0.13
Vector Quantizer		DualMax	60, 75, 80, 85, 90, 95, 175, 250, 310	0.14
Vector Quantizer		InteriorAvg	60, 75, 80, 85, 90, 95, 175, 250, 310	0.14
Vector Quantizer		InteriorMax	60, 75, 80, 85, 90, 95, 175, 250, 310	0.14
Vector Quantizer		SetCover1	50, 95, 125, 160, 195, 245, 290, 320, 350	0.14
Vector Quantizer		SetCover2	50, 95, 125, 155, 190, 240, 290, 320, 350	0.15
Vector Quantizer		Scoring	55, 60, 65, 70, 155, 235, 240, 245, 305	0.15
Vector Quantizer		EntropyAvgBalanced	70, 80, 85, 90, 95, 100, 175, 250, 310	0.15
Vector Quantizer		BalancedAvg	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.16
Vector Quantizer		BalancedMax	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.16
Vector Quantizer		PrimalAvg	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.16
Vector Quantizer		PrimalMax	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.16
Vector Quantizer		DualAvg	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.17
Vector Quantizer		DualMax	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.17
Vector Quantizer		InteriorAvg	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.17
Vector Quantizer		InteriorMax	50, 70, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.17
Vector Quantizer		SetCover1	40, 80, 100, 120, 140, 160, 180, 215, 255, 275, 295, 315, 340, 355	0.18
Vector Quantizer		SetCover2	35, 75, 100, 115, 135, 160, 175, 210, 250, 280, 295, 315, 340, 355	0.18

Vector Quantizer	Scoring	55, 60, 65, 70, 75, 80, 85, 160, 235, 240, 245, 250, 255, 310	0.19
Vector Quantizer	EntropyAvgBalanced	60, 75, 80, 85, 90, 95, 100, 105, 110, 115, 185, 250, 255, 310	0.19
SetCover (tol=0.50)	BalancedAvg	55, 70, 75, 80, 245	0.13
SetCover (tol=0.75)	BalancedAvg	55, 70, 75, 80, 245	0.13
SetCover (tol=0.50)	BalancedMax	55, 70, 75, 80, 245	0.13
SetCover (tol=0.75)	BalancedMax	55, 70, 75, 80, 245	0.13
SetCover (tol=0.50)	PrimalAvg	55, 70, 75, 80, 245	0.13
SetCover (tol=0.75)	PrimalAvg	55, 70, 75, 80, 245	0.13
SetCover (tol=0.50)	PrimalMax	55, 70, 75, 80, 245	0.13
SetCover (tol=0.75)	PrimalMax	55, 70, 75, 80, 245	0.13
SetCover (tol=0.50)	DualAvg	55, 70, 75, 80, 245	0.14
SetCover (tol=0.75)	DualAvg	55, 70, 75, 80, 245	0.14
SetCover (tol=0.50)	DualMax	55, 70, 75, 80, 245	0.14
SetCover (tol=0.75)	DualMax	55, 70, 75, 80, 245	0.14
SetCover (tol=0.50)	InteriorAvg	55, 70, 75, 80, 245	0.14
SetCover (tol=0.75)	InteriorAvg	55, 70, 75, 80, 245	0.14
SetCover (tol=0.50)	InteriorMax	55, 70, 75, 80, 245	0.14
SetCover (tol=0.75)	InteriorMax	55, 70, 75, 80, 245	0.14
SetCover (tol=0.50)	SetCover1	85, 90, 95, 100, 250	0.14
SetCover (tol=0.75)	SetCover1	70, 85, 90, 95, 100	0.15
SetCover (tol=0.50)	SetCover2	70, 85, 90, 95, 100	0.15
SetCover (tol=0.75)	SetCover2	70, 85, 90, 95, 100	0.15
SetCover (tol=0.50)	Scoring	55, 65, 230, 235, 245	0.15
SetCover (tol=0.75)	Scoring	55, 65, 230, 235, 245	0.15
SetCover (tol=0.50)	EntropyAvgBalanced	55, 70, 75, 80, 245	0.15
SetCover (tol=0.75)	EntropyAvgBalanced	55, 70, 75, 80, 245	0.15
SetCover (tol=0.50)	BalancedAvg	45, 50, 55, 60, 70, 75, 80, 245, 255	0.15
SetCover (tol=0.75)	BalancedAvg	45, 50, 55, 60, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.50)	BalancedMax	45, 50, 55, 60, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.75)	BalancedMax	45, 50, 55, 60, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.50)	PrimalAvg	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.75)	PrimalAvg	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.50)	PrimalMax	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.75)	PrimalMax	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.50)	DualAvg	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.75)	DualAvg	5, 45, 50, 55, 70, 75, 80, 245, 255	0.16
SetCover (tol=0.50)	DualMax	5, 45, 50, 55, 70, 75, 80, 245, 255	0.17
SetCover (tol=0.75)	DualMax	5, 45, 50, 55, 70, 75, 80, 245, 255	0.17
SetCover (tol=0.50)	InteriorAvg	45, 50, 55, 70, 75, 80, 245, 255, 270	0.17
SetCover (tol=0.75)	InteriorAvg	45, 50, 55, 70, 75, 80, 245, 255, 270	0.18
SetCover (tol=0.50)	InteriorMax	45, 50, 55, 70, 75, 80, 245, 255, 270	0.27
SetCover (tol=0.75)	InteriorMax	45, 50, 55, 70, 75, 80, 245, 255, 270	0.17
SetCover (tol=0.50)	SetCover1	85, 90, 95, 100, 105, 110, 115, 120, 250	0.17
SetCover (tol=0.75)	SetCover1	70, 85, 90, 95, 100, 105, 110, 115, 120	0.17
SetCover (tol=0.50)	SetCover2	70, 85, 90, 95, 100, 105, 110, 115, 120	0.18
SetCover (tol=0.75)	SetCover2	70, 85, 90, 95, 100, 105, 110, 115, 120	0.18
SetCover (tol=0.50)	Scoring	55, 60, 65, 75, 230, 235, 240, 245, 255	0.18
SetCover (tol=0.75)	Scoring	55, 60, 65, 75, 230, 235, 240, 245, 255	0.18
SetCover (tol=0.50)	EntropyAvgBalanced	5, 45, 50, 55, 70, 75, 80, 245, 255	0.18
SetCover (tol=0.75)	EntropyAvgBalanced	5, 45, 50, 55, 70, 75, 80, 245, 255	0.18
SetCover (tol=0.50)	BalancedAvg	5, 10, 15, 20, 25, 45, 50, 55, 60, 70, 75, 80, 245, 255	0.18
SetCover (tol=0.75)	BalancedAvg	5, 10, 15, 20, 25, 45, 50, 55, 60, 70, 75, 80, 245, 255	0.18
SetCover (tol=0.50)	BalancedMax	5, 10, 15, 20, 25, 45, 50, 55, 60, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.75)	BalancedMax	5, 10, 15, 20, 25, 45, 50, 55, 60, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.50)	PrimalAvg	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.75)	PrimalAvg	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.50)	PrimalMax	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.75)	PrimalMax	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.50)	DualAvg	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.19
SetCover (tol=0.75)	DualAvg	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.20
SetCover (tol=0.50)	DualMax	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.20
SetCover (tol=0.75)	DualMax	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.20
SetCover (tol=0.50)	InteriorAvg	20, 30, 45, 50, 55, 65, 70, 75, 80, 245, 250, 255, 260, 270	0.20
SetCover (tol=0.75)	InteriorAvg	20, 30, 45, 50, 55, 65, 70, 75, 80, 245, 250, 255, 260, 270	0.20
SetCover (tol=0.50)	InteriorMax	20, 30, 45, 50, 55, 65, 70, 75, 80, 200, 245, 250, 255, 270	0.20
SetCover (tol=0.75)	InteriorMax	20, 30, 45, 50, 55, 65, 70, 75, 80, 200, 245, 250, 255, 270	0.20
SetCover (tol=0.50)	SetCover1	85, 90, 95, 100, 105, 110, 115, 120, 160, 250, 265, 270, 275, 280	0.20
SetCover (tol=0.75)	SetCover1	70, 85, 90, 95, 100, 105, 110, 115, 120, 160, 265, 270, 275, 280	0.20
SetCover (tol=0.50)	SetCover2	70, 85, 90, 95, 100, 105, 110, 115, 120, 160, 265, 270, 275, 280	0.21
SetCover (tol=0.75)	SetCover2	70, 85, 90, 95, 100, 105, 110, 115, 120, 160, 265, 270, 275, 280	0.21
SetCover (tol=0.50)	Scoring	55, 60, 65, 70, 75, 80, 85, 230, 235, 240, 245, 250, 255, 265	0.21

SetCover (tol=0.75)	Scoring	55, 60, 65, 70, 75, 80, 85, 230, 235, 240, 245, 250, 255, 265	0.21
SetCover (tol=0.50)	EntropyAvgBalanced	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.21
SetCover (tol=0.75)	EntropyAvgBalanced	5, 10, 15, 20, 25, 30, 45, 50, 55, 70, 75, 80, 245, 255	0.21
Local Search 1	N/A	70, 225, 230, 240, 255	0.27
Local Search 2	N/A	70, 60, 150, 235, 230	0.16
Local Search 1	N/A	45, 55, 85, 125, 165, 230, 245, 285, 325	0.20
Local Search 2	N/A	5, 60, 70, 125, 165, 225, 245, 265, 325	0.14
Local Search 1	N/A	50, 55, 70, 90, 110, 135, 215, 235, 245, 255, 265, 290, 315, 45	0.65
Local Search 2	N/A	5, 30, 55, 80, 110, 135, 160, 185, 210, 235, 260, 290, 315, 340	0.09
Simulated Annealing 1	N/A	215, 285, 360, 70, 145	0.53
Simulated Annealing 2	N/A	225, 240, 250, 255, 25	0.61
Simulated Annealing 3	N/A	55, 65, 70, 310, 155	0.56
Simulated Annealing 1	N/A	30, 70, 110, 150, 190, 230, 270, 310, 350	0.65
Simulated Annealing 2	N/A	310, 225, 235, 70, 255, 200, 50, 325, 320	0.74
Simulated Annealing 3	N/A	255, 100, 245, 230, 190, 70, 235, 240, 115	0.67
Simulated Annealing 1	N/A	65, 90, 115, 140, 170, 195, 220, 245, 270, 295, 320, 350, 15, 40	0.83
Simulated Annealing 1	N/A	10, 210, 235, 275, 45, 10, 160, 50, 60, 350, 355, 230, 85, 65	0.90
Simulated Annealing 1	N/A	250, 50, 45, 75, 15, 235, 295, 65, 290, 315, 345, 360, 170, 190	0.81
Genetic Algorithm 1	N/A	195, 265, 340, 50, 125	0.41
Genetic Algorithm 2	N/A	305, 30, 150, 65, 25	0.61
Genetic Algorithm 1	N/A	350, 125, 350, 190, 65, 10, 140, 320, 320	0.39
Genetic Algorithm 2	N/A	85, 95, 185, 55, 210, 40, 30, 190, 80	0.57
Genetic Algorithm 1	N/A	120, 145, 285, 195, 225, 245, 95, 300, 325, 340, 115, 45, 70, 95	0.46
Genetic Algorithm 2	N/A	220, 105, 165, 220, 305, 225, 315, 175, 255, 250, 240, 285, 270, 95	0.50