Options: queue, random restart, no recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	84	85	86	85	21.65	30.16	47.37	48.14	44.83	46.55	48.28	46.55
G150p20E*	86	97	96	97	97	70.09	98.43	151.06	165.70	12.79	11.63	12.79	12.79
Avg.						44.87	65.30	100.23	106.92	28.81	30.10	31.54	29.67

Options: queue, random restart, approximate recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	89	85	84	85	16.58	34.87	43.23	54.89	53.45	46.55	44.83	46.55
G150p20E*	86	96	97	96	97	44.49	115.52	120.11	170.54	11.63	12.79	11.63	12.79
Avg.						29.54	76.20	82.68	112.71	32.54	30.68	29.24	29.67

Options: queue, random restart, exact recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	82	84	84	85	43.03	122.42	98.43	142.00	41.38	44.83	44.83	46.55
G150p20E*	86	95	95	96	95	149.73	504.19	308.99	547.98	10.47	10.47	11.63	10.47
Avg.						95.38	314.31	204.72	344.99	25.92	28.66	29.24	28.51

Options: queue, perturbation restart, no recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	84	85	82	87	20.52	25.55	41.65	45.59	44.83	46.55	41.38	50.00
G150p20E*	86	95	95	93	94	62.52	83.46	134.51	142.99	10.47	10.47	8.14	9.30
Avg.						40.52	55.51	89.09	94.29	27.65	29.52	25.77	29.65

Options: queue, perturbation restart, approximate recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	86	84	83	86	46.26	28.54	34.98	46.20	48.28	44.83	43.10	48.28
G150p20E*	86	95	94	93	95	133.25	92.72	103.91	132.95	10.47	9.30	8.14	10.47
Avg.						88.76	61.64	70.46	89.57	29.37	28.08	26.63	29.37

Options: queue, perturbation restart, exact recentering

Pr. No.	Objective Value					Time				% Deviation			
	BK	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB	$1S$	tS	$1B$	tB
G100p15E	58	83	81	82	82	36.18	86.12	83.03	115.89	43.10	39.66	41.38	41.38
G150p20E*	86	91	93	92	93	127.11	374.91	292.55	453.01	5.81	8.14	6.98	8.14
Avg.						80.65	231.52	188.80	284.45	24.46	24.91	25.19	24.76

Options: stack, random restart, no recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	83	85	88	85	28.17	35.21	64.41	64.69	43.10	46.55	51.72	46.55
G150p20E*	86	96	97	96	98	89.28	123.94	225.10	209.35	11.63	12.79	11.63	13.95
Avg.						57.73	80.58	145.77	137.02	27.37	30.68	32.69	30.25

Options: stack, random restart, approximate recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	83	85	83	84	21.22	40.53	56.71	71.84	43.10	46.55	43.10	44.83
G150p20E*	86	96	96	96	97	54.21	125.07	156.21	206.50	11.63	11.63	11.63	12.79
Avg.						36.72	83.81	107.47	139.17	27.37	30.10	28.38	28.81

Options: stack, random restart, exact recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	84	84	84	84	49.09	113.61	109.94	150.59	44.83	44.83	44.83	44.83
G150p20E*	86	93	94	95	95	169.07	452.50	384.62	553.05	8.14	9.30	10.47	10.47
Avg.						108.08	284.06	248.29	351.82	26.48	28.08	28.66	27.65

Options: stack, perturbation restart, no recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	86	88	88	84	24.65	30.65	61.22	58.41	48.28	51.72	51.72	44.83
G150p20E*	86	93	94	94	96	82.57	109.05	209.73	196.40	8.14	9.30	9.30	11.63
Avg.						52.61	70.86	136.49	127.40	28.21	31.52	31.52	28.23

Options: stack, perturbation restart, approximate recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	84	86	86	84	52.30	33.41	47.88	52.25	44.83	48.28	48.28	44.83
G150p20E*	86	94	94	92	94	179.63	114.12	146.57	179.47	9.30	9.30	6.98	9.30
Avg.						114.97	74.77	98.24	115.86	27.06	29.80	28.64	27.06

Options: stack, perturbation restart, exact recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	81	82	83	83	42.97	92.04	89.61	120.83	39.66	41.38	43.10	43.10
G150p20E*	86	93	93	93	93	168.54	398.71	398.81	540.52	8.14	8.14	8.14	8.14
Avg.						104.76	246.38	245.22	330.68	23.90	25.77	26.63	25.62

Options: priority queue, random restart, no recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	83	85	84	85	29.40	31.65	55.00	56.81	43.10	46.55	44.83	46.55
G150p20E*	86	96	97	96	97	96.76	107.82	173.91	189.39	11.63	12.79	11.63	12.79
Avg.						62.08	70.74	115.47	123.10	27.37	30.68	29.24	29.67

Options: priority queue, random restart, approximate recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	83	85	84	85	24.61	38.66	50.95	58.55	43.10	46.55	44.83	46.55
G150p20E*	86	96	97	96	96	69.95	115.49	146.68	189.57	11.63	12.79	11.63	11.63
Avg.						46.28	78.08	99.83	124.06	27.37	30.68	29.24	29.09

Options: priority queue, random restart, exact recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	81	84	83	82	47.83	95.06	92.64	134.72	39.66	44.83	43.10	41.38
G150p20E*	86	94	94	96	93	176.13	370.93	309.45	537.08	9.30	9.30	11.63	8.14
Avg.						110.98	234.00	202.06	335.90	24.48	28.08	28.38	24.76

Options: priority queue, perturbation restart, no recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	85	87	83	84	26.65	28.57	47.29	50.90	46.55	50.00	43.10	44.83
G150p20E*	86	95	94	96	97	87.32	89.89	163.46	160.83	10.47	9.30	11.63	12.79
Avg.						55.99	60.24	106.39	105.87	28.51	30.66	28.38	28.81

Options: priority queue, perturbation restart, approximate recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	83	83	86	83	50.10	31.53	40.54	49.93	43.10	43.10	48.28	43.10
G150p20E*	86	94	93	94	94	157.94	101.03	126.83	158.09	9.30	8.14	9.30	9.30
Avg.						103.02	67.29	84.70	104.01	26.20	26.63	29.80	26.20

Options: priority queue, perturbation restart, exact recentering

Pr.	Objective Value					Time				% Deviation			
No.	BK	1S	tS	1B	tB	1S	tS	1B	tB	1S	tS	1B	tB
G100p15E	58	81	82	82	81	44.09	75.76	82.16	109.74	39.66	41.38	41.38	39.66
G150p20E*	86	93	93	91	93	144.75	305.60	301.14	455.16	8.14	8.14	5.81	8.14
Avg.						93.42	191.69	192.66	282.45	23.90	25.77	24.61	23.90