

TABLE I
No TITLE

Problem	M	D	SMSEMOA_optimal	SMSEMOA_DR	SMSEMOA_DR3	SMSEMOA_DR2
DTLZ1	10	14	2.0261e-1 (2.23e-1) $-$	8.8369e-1 (2.00e-1) \approx	6.7230e-1 (3.51e-1) \approx	6.9062e-1 (3.95e-1)
DTLZ2	10	19	9.9315e+2 (3.94e+1) $-$	1.0234e+3 (7.28e-1) \approx	1.0220e+3 (3.20e+0) \approx	1.0184e+3 (1.85e+1)
DTLZ3	10	19	1.9068e+1 (8.53e+1) \approx	0.0000e+0 (0.00e+0) \approx	0.0000e+0 (0.00e+0) \approx	0.0000e+0 (0.00e+0)
DTLZ4	10	19	5.2691e+2 (1.79e+2) $-$	6.6262e+2 (2.17e+2) \approx	6.2825e+2 (2.13e+2) \approx	7.2840e+2 (2.26e+2)
WFG1	10	19	2.2597e+12 (2.64e+11) \approx	2.2005e+12 (1.81e+11) \approx	2.1640e+12 (3.16e+11) \approx	2.2601e+12 (3.42e+11)
WFG2	10	19	3.3493e+12 (2.39e+10) $+$	3.3487e+12 (7.64e+10) \approx	3.3374e+12 (7.94e+10) \approx	3.3420e+12 (8.46e+10)
WFG3	10	19	2.5310e-2 (3.07e-2) \approx	1.7230e-2 (2.35e-2) \approx	2.6505e-2 (3.33e-2) \approx	2.3443e-2 (2.84e-2)
WFG4	10	19	3.5602e+12 (9.48e+10) $-$	3.7585e+12 (3.74e+10) \approx	3.7443e+12 (4.97e+10) \approx	3.7737e+12 (1.63e+10)
WFG5	10	19	3.5027e+12 (1.16e+11) $-$	3.6555e+12 (8.64e+9) \approx	3.6478e+12 (1.98e+10) \approx	3.6523e+12 (1.93e+10)
WFG6	10	19	3.5432e+12 (6.24e+10) $-$	3.5829e+12 (5.75e+10) \approx	3.5933e+12 (8.04e+10) \approx	3.6099e+12 (4.49e+10)
WFG7	10	19	3.7326e+12 (5.73e+10) $-$	3.7959e+12 (1.35e+10) \approx	3.7914e+12 (1.98e+10) \approx	3.7922e+12 (1.27e+10)
WFG8	10	19	3.7087e+12 (3.64e+10) $-$	3.7613e+12 (1.13e+10) $+$	3.7542e+12 (1.65e+10) \approx	3.7524e+12 (1.23e+10)
WFG9	10	19	3.3072e+12 (2.80e+11) $-$	3.6302e+12 (1.57e+11) $+$	3.4574e+12 (2.72e+11) \approx	3.5146e+12 (2.31e+11)
+ / - / \approx			1/9/3	2/0/11	0/0/13	