

Table 1: Numerical report for Problem 4.4

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	26/79/0.040/5.73e-07	20/65/0.034/5.42e-08	19/72/0.035/6.19e-07
$x_1(1)$	27/82/0.040/6.56e-07	27/83/0.041/5.92e-07	18/68/0.032/9.38e-07
$x_1(1)$	26/79/0.039/9.83e-07	26/81/0.043/9.51e-07	16/61/0.030/7.27e-07
$x_1(1)$	28/85/0.042/5.45e-07	19/62/0.031/2.36e-07	16/59/0.028/7.77e-07
$x_1(1)$	26/79/0.039/6.53e-07	25/79/0.040/4.04e-07	17/63/0.030/5.20e-07
$x_1(1)$	27/82/0.040/5.92e-07	19/61/0.030/5.84e-07	17/63/0.030/7.47e-07
$x_1(1)$	27/82/0.041/3.47e-07	23/73/0.036/7.65e-07	17/64/0.030/5.51e-08
$x_5(5)$	28/85/0.180/9.13e-07	22/79/0.161/3.04e-07	16/62/0.123/5.54e-07
$x_5(5)$	28/85/0.181/6.05e-07	22/73/0.152/1.75e-07	20/77/0.154/2.70e-07
$x_5(5)$	31/94/0.197/4.43e-07	23/74/0.155/8.18e-07	20/77/0.153/2.70e-07
$x_5(5)$	29/88/0.188/3.04e-07	25/91/0.192/3.14e-07	16/62/0.125/2.85e-07
$x_5(5)$	28/85/0.181/7.01e-07	23/77/0.161/4.91e-07	19/73/0.149/9.93e-07
$x_5(5)$	29/88/0.209/3.04e-07	22/80/0.165/6.79e-07	16/62/0.124/2.85e-07
$x_5(5)$	28/85/0.179/2.73e-07	30/94/0.199/3.28e-07	15/58/0.118/2.33e-07
$x_{10}(10)$	29/88/0.370/3.59e-07	21/67/0.283/4.40e-07	16/62/0.247/1.21e-07
$x_{10}(10)$	28/85/0.356/9.75e-07	24/80/0.326/2.56e-07	16/60/0.237/6.75e-07
$x_{10}(10)$	29/88/0.367/7.21e-07	21/71/0.300/9.25e-07	18/69/0.270/3.70e-07
$x_{10}(10)$	29/88/0.372/3.19e-07	19/63/0.281/7.36e-07	21/81/0.325/2.18e-07
$x_{10}(10)$	28/85/0.361/6.09e-07	22/73/0.305/8.93e-07	18/68/0.272/3.53e-07
$x_{10}(10)$	29/88/0.389/3.19e-07	19/63/0.262/7.16e-07	21/81/0.324/2.18e-07
$x_{10}(10)$	30/91/0.383/2.42e-07	21/68/0.285/8.69e-07	20/77/0.303/9.77e-07

Table 2: Numerical report for Problem 4.4

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	35/106/0.023/6.90e-07	1/4/0.001/0.00e+00	2/9/0.002/0.00e+00
$x_1(1)$	25/76/0.014/7.76e-07	2/6/0.001/2.22e-16	1/4/0.001/2.22e-16
$x_1(1)$	26/79/0.015/6.83e-07	7/19/0.004/4.92e-07	1/4/0.001/2.22e-16
$x_1(1)$	34/103/0.023/8.53e-07	17/48/0.012/5.55e-07	2/9/0.002/0.00e+00
$x_1(1)$	27/82/0.017/6.76e-07	9/24/0.006/4.42e-07	2/9/0.002/0.00e+00
$x_1(1)$	34/103/0.023/8.53e-07	12/32/0.008/7.01e-09	2/9/0.002/0.00e+00
$x_1(1)$	34/103/0.023/8.53e-07	17/48/0.012/5.55e-07	2/9/0.002/0.00e+00
$x_5(5)$	36/109/0.084/9.25e-07	1/4/0.003/0.00e+00	2/9/0.007/0.00e+00
$x_5(5)$	25/76/0.045/7.76e-07	2/6/0.004/2.22e-16	1/4/0.003/2.22e-16
$x_5(5)$	26/79/0.047/6.83e-07	7/19/0.012/4.92e-07	1/4/0.002/2.22e-16
$x_5(5)$	36/109/0.082/6.86e-07	16/44/0.036/2.18e-07	2/9/0.007/0.00e+00
$x_5(5)$	27/82/0.055/6.76e-07	9/24/0.018/4.39e-07	2/9/0.007/0.00e+00
$x_5(5)$	36/109/0.082/6.86e-07	14/38/0.031/7.49e-07	2/9/0.007/0.00e+00
$x_5(5)$	36/109/0.082/6.86e-07	16/44/0.036/2.18e-07	2/9/0.007/0.00e+00
$x_{10}(10)$	37/112/0.169/7.85e-07	1/4/0.006/0.00e+00	2/9/0.015/0.00e+00
$x_{10}(10)$	25/76/0.088/7.76e-07	2/6/0.008/2.22e-16	1/4/0.005/2.22e-16
$x_{10}(10)$	26/79/0.093/6.83e-07	7/19/0.024/4.92e-07	1/4/0.005/2.22e-16
$x_{10}(10)$	36/109/0.164/9.71e-07	16/43/0.070/1.33e-15	2/9/0.014/0.00e+00
$x_{10}(10)$	27/82/0.110/6.76e-07	9/24/0.037/4.39e-07	2/9/0.014/0.00e+00
$x_{10}(10)$	36/109/0.163/9.71e-07	15/40/0.064/3.45e-07	2/9/0.014/0.00e+00
$x_{10}(10)$	36/109/0.162/9.71e-07	16/43/0.069/1.33e-15	2/9/0.014/0.00e+00

Table 3: Numerical report for Problem 4.4

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $
$x_1(1)$	1/4/0.002/0.00e+00	1/6/0.003/0.00e+00	1/3/0.002/0.00e+00
$x_1(1)$	9/37/0.009/7.62e-07	1/6/0.001/2.22e-16	1/6/0.001/3.14e-16
$x_1(1)$	10/41/0.010/3.85e-07	1/6/0.001/3.14e-16	1/6/0.001/3.14e-16
$x_1(1)$	14/58/0.015/8.70e-07	12/59/0.017/0.00e+00	9/46/0.015/8.79e-07
$x_1(1)$	13/52/0.013/3.82e-07	10/49/0.014/3.55e-08	3/17/0.005/0.00e+00
$x_1(1)$	14/58/0.015/8.73e-07	12/59/0.018/0.00e+00	9/46/0.015/9.01e-07
$x_1(1)$	14/58/0.015/8.70e-07	12/59/0.017/0.00e+00	9/46/0.015/8.79e-07
$x_5(5)$	1/4/0.010/0.00e+00	1/6/0.012/0.00e+00	1/3/0.008/0.00e+00
$x_5(5)$	9/37/0.032/7.62e-07	1/6/0.005/2.22e-16	1/6/0.005/3.14e-16
$x_5(5)$	10/41/0.036/3.85e-07	1/6/0.005/3.14e-16	1/6/0.005/3.14e-16
$x_5(5)$	15/62/0.062/3.90e-07	12/59/0.068/0.00e+00	10/51/0.062/3.24e-07
$x_5(5)$	13/52/0.048/3.82e-07	10/49/0.050/2.97e-08	3/17/0.020/0.00e+00
$x_5(5)$	15/62/0.062/3.90e-07	12/59/0.067/0.00e+00	10/51/0.063/3.27e-07
$x_5(5)$	15/62/0.062/3.90e-07	12/59/0.068/0.00e+00	10/51/0.062/3.24e-07
$x_{10}(10)$	1/4/0.019/0.00e+00	1/6/0.023/0.00e+00	1/3/0.015/0.00e+00
$x_{10}(10)$	9/37/0.062/7.62e-07	1/6/0.010/2.22e-16	1/6/0.010/3.14e-16
$x_{10}(10)$	10/41/0.068/3.85e-07	1/6/0.010/3.14e-16	1/6/0.010/3.14e-16
$x_{10}(10)$	15/62/0.123/5.51e-07	12/59/0.133/6.00e-15	10/51/0.122/4.60e-07
$x_{10}(10)$	13/52/0.095/3.82e-08	10/49/0.096/2.89e-08	3/17/0.040/0.00e+00
$x_{10}(10)$	15/62/0.122/5.52e-07	12/59/0.132/5.62e-15	10/51/0.121/4.61e-07
$x_{10}(10)$	15/62/0.123/5.51e-07	12/59/0.133/6.00e-15	10/51/0.121/4.60e-07

Table 4: Numerical report for Problem 4.4

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $
$x_1(1)$	38/115/0.057/6.38e-07	15/39/0.021/2.51e-07	13/40/0.021/9.59e-07
$x_1(1)$	39/118/0.058/6.06e-07	15/39/0.021/3.97e-07	14/43/0.022/3.45e-07
$x_1(1)$	39/118/0.058/6.06e-07	15/39/0.022/3.97e-07	14/43/0.023/3.45e-07
$x_1(1)$	38/115/0.057/8.31e-07	15/39/0.021/3.26e-07	14/43/0.022/2.84e-07
$x_1(1)$	39/118/0.059/6.05e-07	15/39/0.021/3.97e-07	14/43/0.022/3.45e-07
$x_1(1)$	38/115/0.057/8.31e-07	15/39/0.021/3.26e-07	14/43/0.022/2.84e-07
$x_1(1)$	38/115/0.057/8.31e-07	15/39/0.021/3.26e-07	14/43/0.022/2.84e-07
$x_5(5)$	39/118/0.252/8.56e-07	15/39/0.088/5.61e-07	14/43/0.093/4.88e-07
$x_5(5)$	40/121/0.256/8.13e-07	15/39/0.088/8.87e-07	14/43/0.093/7.72e-07
$x_5(5)$	40/121/0.257/8.13e-07	15/39/0.087/8.87e-07	14/43/0.093/7.72e-07
$x_5(5)$	40/121/0.258/6.69e-07	15/39/0.088/7.30e-07	14/43/0.093/6.35e-07
$x_5(5)$	40/121/0.257/8.12e-07	15/39/0.088/8.87e-07	14/43/0.093/7.72e-07
$x_5(5)$	40/121/0.259/6.69e-07	15/39/0.088/7.30e-07	14/43/0.094/6.35e-07
$x_5(5)$	40/121/0.257/6.69e-07	15/39/0.090/7.30e-07	14/43/0.098/6.35e-07
$x_{10}(10)$	40/121/0.530/7.26e-07	15/39/0.186/7.93e-07	14/43/0.190/6.90e-07
$x_{10}(10)$	41/124/0.527/6.89e-07	16/41/0.184/4.32e-07	15/46/0.196/2.48e-07
$x_{10}(10)$	41/124/0.523/6.89e-07	16/41/0.183/4.32e-07	15/46/0.195/2.48e-07
$x_{10}(10)$	40/121/0.513/9.46e-07	16/41/0.186/3.55e-07	14/43/0.183/8.98e-07
$x_{10}(10)$	41/124/0.524/6.89e-07	16/41/0.183/4.32e-07	15/46/0.195/2.48e-07
$x_{10}(10)$	40/121/0.513/9.46e-07	16/41/0.185/3.55e-07	14/43/0.185/8.98e-07
$x_{10}(10)$	40/121/0.514/9.46e-07	16/41/0.184/3.55e-07	14/43/0.184/8.98e-07

Table 5: Numerical report for Problem 4.5

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $	Itr/NF/Tcpu/ $\ F_*\ $
$x_1(1)$	36/109/0.021/8.79e-07	2/6/0.001/0.00e+00	1/4/0.001/0.00e+00
$x_1(1)$	25/76/0.014/9.88e-07	2/6/0.001/1.48e-323	1/4/0.001/4.94e-324
$x_1(1)$	26/79/0.014/9.52e-07	2/6/0.001/9.88e-324	1/4/0.001/4.94e-324
$x_1(1)$	35/106/0.020/8.99e-07	7/18/0.004/2.59e-07	1/4/0.001/0.00e+00
$x_1(1)$	28/85/0.015/7.08e-07	3/8/0.002/0.00e+00	1/4/0.001/0.00e+00
$x_1(1)$	35/106/0.021/8.99e-07	7/18/0.004/2.61e-07	1/4/0.001/0.00e+00
$x_1(1)$	35/106/0.019/8.99e-07	7/18/0.004/2.59e-07	1/4/0.001/0.00e+00
$x_5(5)$	38/115/0.040/7.07e-07	2/6/0.003/0.00e+00	1/4/0.002/0.00e+00
$x_5(5)$	25/76/0.024/9.88e-07	2/6/0.003/1.48e-323	1/4/0.002/4.94e-324
$x_5(5)$	26/79/0.026/9.52e-07	2/6/0.002/9.88e-324	1/4/0.002/4.94e-324
$x_5(5)$	37/112/0.037/7.24e-07	7/18/0.008/5.81e-07	1/4/0.002/0.00e+00
$x_5(5)$	28/85/0.030/7.08e-07	3/8/0.003/0.00e+00	1/4/0.002/0.00e+00
$x_5(5)$	37/112/0.038/7.24e-07	7/18/0.007/5.82e-07	1/4/0.002/0.00e+00
$x_5(5)$	37/112/0.039/7.24e-07	7/18/0.007/5.81e-07	1/4/0.002/0.00e+00
$x_{10}(10)$	39/118/0.069/6.00e-07	2/6/0.004/0.00e+00	1/4/0.003/0.00e+00
$x_{10}(10)$	25/76/0.042/9.88e-07	2/6/0.004/1.48e-323	1/4/0.003/4.94e-324
$x_{10}(10)$	26/79/0.043/9.52e-07	2/6/0.005/9.88e-324	1/4/0.003/4.94e-324
$x_{10}(10)$	38/115/0.067/6.14e-07	7/18/0.013/8.22e-07	1/4/0.003/0.00e+00
$x_{10}(10)$	28/85/0.049/7.08e-07	3/8/0.006/0.00e+00	1/4/0.003/0.00e+00
$x_{10}(10)$	38/115/0.066/6.14e-07	7/18/0.013/8.22e-07	1/4/0.003/0.00e+00
$x_{10}(10)$	38/115/0.065/6.14e-07	7/18/0.013/8.22e-07	1/4/0.003/0.00e+00

Table 6: Numerical report for Problem 4.6

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	5/11/0.003/3.62e-09	1/3/0.001/0.00e+00	1/3/0.001/0.00e+00
$x_1(1)$	7/15/0.003/6.85e-08	3/7/0.002/2.22e-16	1/3/0.001/6.36e-21
$x_1(1)$	7/15/0.003/8.49e-07	5/11/0.003/3.79e-13	1/3/0.001/6.41e-21
$x_1(1)$	8/17/0.004/1.91e-07	5/11/0.003/0.00e+00	1/3/0.001/0.00e+00
$x_1(1)$	8/17/0.004/7.58e-09	3/7/0.002/0.00e+00	1/3/0.001/0.00e+00
$x_1(1)$	8/17/0.004/1.91e-07	5/11/0.003/0.00e+00	1/3/0.001/0.00e+00
$x_1(1)$	8/17/0.004/1.91e-07	5/11/0.003/0.00e+00	1/3/0.001/0.00e+00
$x_5(5)$	13/36/0.018/6.69e-07	1/3/0.002/0.00e+00	1/3/0.002/0.00e+00
$x_5(5)$	16/44/0.018/8.86e-07	3/7/0.003/2.22e-16	1/3/0.002/1.27e-21
$x_5(5)$	15/40/0.017/8.75e-07	5/11/0.005/1.04e-13	1/3/0.001/1.28e-21
$x_5(5)$	24/67/0.031/8.27e-07	5/11/0.007/0.00e+00	1/3/0.003/0.00e+00
$x_5(5)$	24/67/0.035/6.28e-07	3/7/0.005/0.00e+00	1/3/0.002/0.00e+00
$x_5(5)$	24/67/0.031/8.28e-07	5/11/0.007/0.00e+00	1/3/0.002/0.00e+00
$x_5(5)$	24/67/0.031/8.27e-07	5/11/0.008/0.00e+00	1/3/0.002/0.00e+00
$x_{10}(10)$	13/36/0.034/9.21e-07	1/3/0.003/0.00e+00	1/3/0.004/0.00e+00
$x_{10}(10)$	16/44/0.033/9.20e-07	3/7/0.006/2.22e-16	1/3/0.002/6.36e-22
$x_{10}(10)$	15/40/0.031/9.69e-07	5/11/0.010/2.37e-14	1/3/0.003/6.41e-22
$x_{10}(10)$	25/70/0.061/7.45e-07	5/11/0.014/0.00e+00	1/3/0.004/0.00e+00
$x_{10}(10)$	24/67/0.064/7.53e-07	3/7/0.009/0.00e+00	1/3/0.004/0.00e+00
$x_{10}(10)$	25/70/0.061/7.45e-07	5/11/0.014/0.00e+00	1/3/0.004/0.00e+00
$x_{10}(10)$	25/70/0.061/7.45e-07	5/11/0.014/0.00e+00	1/3/0.004/0.00e+00

Table 7: Numerical report for Problem 4.7

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	14/43/0.006/3.10e-07	8/25/0.004/2.83e-07	12/49/0.007/1.41e-07
$x_1(1)$	14/43/0.006/4.90e-07	14/50/0.007/4.36e-07	12/49/0.008/2.79e-08
$x_1(1)$	14/43/0.006/4.90e-07	16/58/0.009/1.55e-07	11/45/0.007/7.96e-07
$x_1(1)$	13/40/0.007/9.40e-07	21/79/0.013/3.10e-07	11/46/0.007/1.96e-07
$x_1(1)$	14/43/0.007/4.89e-07	15/54/0.008/2.08e-07	12/50/0.007/2.12e-07
$x_1(1)$	13/40/0.006/9.40e-07	20/75/0.011/6.29e-07	11/46/0.007/2.02e-07
$x_1(1)$	13/40/0.006/9.40e-07	21/79/0.011/3.10e-07	11/46/0.007/1.96e-07
$x_5(5)$	14/43/0.013/6.94e-07	8/25/0.008/6.32e-07	12/49/0.018/3.16e-07
$x_5(5)$	15/46/0.015/2.75e-07	11/38/0.013/2.78e-07	12/49/0.015/1.51e-07
$x_5(5)$	15/46/0.014/2.75e-07	16/56/0.018/6.84e-07	12/49/0.016/3.64e-07
$x_5(5)$	14/43/0.013/5.28e-07	20/71/0.023/8.47e-07	11/46/0.014/4.44e-07
$x_5(5)$	15/46/0.015/2.75e-07	13/45/0.015/4.00e-07	11/45/0.014/4.60e-07
$x_5(5)$	14/43/0.013/5.28e-07	21/79/0.025/3.38e-07	11/46/0.014/4.47e-07
$x_5(5)$	14/43/0.014/5.28e-07	20/71/0.023/8.47e-07	11/46/0.015/4.44e-07
$x_{10}(10)$	14/43/0.023/9.81e-07	8/25/0.015/8.94e-07	12/49/0.025/4.47e-07
$x_{10}(10)$	15/46/0.025/3.89e-07	16/55/0.030/3.71e-07	17/69/0.035/1.21e-07
$x_{10}(10)$	15/46/0.025/3.89e-07	14/46/0.026/3.50e-07	12/49/0.026/6.87e-07
$x_{10}(10)$	14/43/0.024/7.46e-07	23/85/0.045/2.84e-07	11/46/0.023/6.29e-07
$x_{10}(10)$	15/46/0.026/3.89e-07	15/51/0.028/9.24e-07	12/49/0.025/1.47e-07
$x_{10}(10)$	14/43/0.023/7.46e-07	21/78/0.041/7.88e-07	11/46/0.023/6.31e-07
$x_{10}(10)$	14/43/0.022/7.46e-07	23/85/0.045/2.84e-07	11/46/0.023/6.29e-07

Table 8: Numerical report for Problem 4.8

Init(n)	ATTCGP	HTTCGP	PDYCGPM
	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $	ltr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	19/77/0.017/6.54e-07	35/155/0.034/9.05e-07	33/156/0.034/5.95e-07
$x_1(1)$	18/73/0.016/9.49e-07	41/178/0.039/9.64e-07	40/182/0.039/4.32e-07
$x_1(1)$	18/73/0.015/9.82e-07	42/181/0.040/8.29e-07	34/157/0.034/6.79e-07
$x_1(1)$	20/81/0.017/5.70e-07	29/132/0.029/9.06e-07	40/180/0.040/4.86e-07
$x_1(1)$	19/77/0.016/8.48e-07	36/160/0.035/8.28e-07	34/160/0.034/7.58e-07
$x_1(1)$	20/81/0.017/5.70e-07	29/132/0.028/8.11e-07	39/174/0.038/6.06e-07
$x_1(1)$	19/77/0.016/4.57e-07	30/133/0.029/7.70e-07	35/165/0.036/4.91e-07
$x_5(5)$	19/77/0.058/7.93e-07	34/151/0.115/5.33e-07	34/162/0.121/5.84e-07
$x_5(5)$	18/73/0.054/8.85e-07	36/160/0.121/8.56e-07	36/167/0.125/4.21e-07
$x_5(5)$	19/77/0.058/4.77e-07	37/163/0.127/6.42e-07	38/173/0.131/6.68e-07
$x_5(5)$	19/77/0.059/8.04e-07	32/143/0.108/7.82e-07	32/146/0.110/9.87e-07
$x_5(5)$	19/77/0.058/8.34e-07	34/152/0.115/7.89e-07	34/157/0.119/5.40e-07
$x_5(5)$	19/77/0.058/8.04e-07	36/158/0.120/5.18e-07	34/155/0.116/5.66e-07
$x_5(5)$	19/77/0.058/5.36e-07	24/111/0.083/7.97e-07	36/162/0.122/7.02e-07
$x_{10}(10)$	19/77/0.116/8.80e-07	33/148/0.220/6.67e-07	33/158/0.226/5.85e-07
$x_{10}(10)$	18/73/0.114/9.19e-07	39/170/0.249/6.01e-07	33/153/0.218/9.23e-07
$x_{10}(10)$	19/77/0.113/4.93e-07	43/185/0.273/6.26e-07	34/158/0.230/7.49e-07
$x_{10}(10)$	19/77/0.113/7.76e-07	30/135/0.196/8.71e-07	40/181/0.262/9.21e-07
$x_{10}(10)$	19/77/0.115/8.67e-07	33/149/0.217/6.34e-07	37/170/0.242/7.16e-07
$x_{10}(10)$	19/77/0.115/7.76e-07	30/135/0.197/9.04e-07	43/193/0.280/9.59e-07
$x_{10}(10)$	19/77/0.115/5.97e-07	27/124/0.180/9.79e-07	34/159/0.232/8.63e-07

Table 9: Numerical report for Problem 4.9

Init(n)	ATTGCP	HTTGP	PDVCGPM
	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $	Itr/NF/Tcpu/ $\ \mathcal{F}_*\ $
$x_1(1)$	253/789/1.365/9.23e-07	24/88/0.147/8.00e-07	18/73/0.119/4.84e-07
$x_1(1)$	223/694/1.199/8.68e-07	21/77/0.129/5.45e-07	15/61/0.100/5.23e-07
$x_1(1)$	105/318/0.551/9.30e-07	18/69/0.114/5.95e-07	15/61/0.100/5.16e-07
$x_1(1)$	134/404/0.705/9.87e-07	79/247/0.431/8.46e-07	9/38/0.062/7.82e-07
$x_1(1)$	85/256/0.445/9.41e-07	20/77/0.127/3.95e-07	16/65/0.106/5.91e-07
$x_1(1)$	138/417/0.726/7.39e-07	73/229/0.398/7.51e-07	7/30/0.049/7.02e-07
$x_1(1)$	252/786/1.357/9.65e-07	24/87/0.146/9.50e-07	18/73/0.119/4.85e-07
$x_5(5)$	252/786/6.478/8.09e-07	23/85/0.674/8.31e-07	17/69/0.537/9.91e-07
$x_5(5)$	222/691/5.696/7.60e-07	20/74/0.589/5.88e-07	15/61/0.473/4.84e-07
$x_5(5)$	105/318/2.643/9.46e-07	18/69/0.543/5.62e-07	15/61/0.477/4.80e-07
$x_5(5)$	52/157/1.307/8.15e-07	20/77/0.605/5.90e-07	7/30/0.231/5.38e-07
$x_5(5)$	85/256/2.126/9.57e-07	20/77/0.608/4.21e-07	16/65/0.510/5.49e-07
$x_5(5)$	52/157/1.314/8.23e-07	20/77/0.624/6.66e-07	5/22/0.196/9.60e-07
$x_5(5)$	252/786/6.512/9.07e-07	24/87/0.693/4.52e-07	17/69/0.536/9.92e-07
$x_{10}(10)$	253/789/12.946/7.92e-07	24/88/1.394/8.10e-07	17/69/1.070/9.91e-07
$x_{10}(10)$	223/694/11.417/7.44e-07	21/77/1.220/5.25e-07	15/61/0.947/4.84e-07
$x_{10}(10)$	105/318/5.273/9.46e-07	18/69/1.083/5.61e-07	15/61/0.953/4.80e-07
$x_{10}(10)$	52/157/2.601/8.84e-07	121/372/6.172/9.69e-07	5/22/0.335/6.16e-07
$x_{10}(10)$	85/256/4.241/9.58e-07	19/74/1.156/4.83e-07	16/65/1.007/5.49e-07
$x_{10}(10)$	52/157/2.602/8.85e-07	118/364/6.008/3.97e-07	5/22/0.336/4.80e-07
$x_{10}(10)$	252/786/12.916/8.77e-07	23/84/1.331/6.84e-07	17/69/1.069/9.91e-07