

Supplementary Material

Table 1: Numerical results on Problem 1.

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(1)	1.27e-02/8/1/0.00e+00	6.53e-03/8/1/0.00e+00	1.80e-02/91/30/6.93e-07
x2(1)	2.47e-03/4/1/0.00e+00	2.51e-03/4/1/0.00e+00	1.02e-02/100/33/9.68e-07
x3(1)	7.64e-03/18/3/1.09e-15	1.32e-02/87/13/3.30e-07	5.61e-03/103/34/7.47e-07
x4(1)	6.12e-03/18/3/0.00e+00	9.78e-03/99/14/0.00e+00	3.42e-03/55/18/4.43e-07
x5(1)	1.58e-03/13/2/0.00e+00	4.56e-03/79/13/1.99e-07	6.55e-03/106/35/7.15e-07
x6(1)	1.33e-03/18/3/0.00e+00	4.23e-03/91/13/3.51e-07	3.43e-03/55/18/4.45e-07
x7(1)	9.16e-04/18/3/0.00e+00	8.13e-03/201/29/7.44e-07	4.91e-03/94/31/6.91e-07
x1(5)	1.17e-03/8/1/0.00e+00	2.53e-03/8/1/0.00e+00	1.10e-02/85/28/9.85e-07
x2(5)	7.53e-04/4/1/0.00e+00	2.12e-03/4/1/0.00e+00	1.23e-02/100/33/9.68e-07
x3(5)	7.85e-04/5/1/0.00e+00	3.00e-03/17/7/8.81e-08	1.25e-02/103/34/8.82e-07
x4(5)	2.00e-03/18/3/0.00e+00	1.76e-02/185/27/4.05e-07	7.10e-03/55/18/9.92e-07
x5(5)	1.81e-03/13/2/0.00e+00	1.13e-02/113/18/2.62e-07	1.39e-02/106/35/7.15e-07
x6(5)	2.24e-03/18/3/0.00e+00	1.89e-02/200/29/7.05e-07	6.71e-03/55/18/9.93e-07
x7(5)	2.03e-03/18/3/0.00e+00	1.37e-02/145/21/1.27e-07	1.08e-02/88/29/9.82e-07
x1(10)	2.60e-03/8/1/0.00e+00	4.07e-03/8/1/0.00e+00	3.16e-02/85/28/8.23e-07
x2(10)	1.70e-03/4/1/0.00e+00	2.23e-03/4/1/0.00e+00	2.59e-02/100/33/9.68e-07
x3(10)	1.25e-03/5/1/0.00e+00	5.61e-03/17/7/8.81e-08	2.65e-02/103/34/8.82e-07
x4(10)	3.83e-03/18/3/0.00e+00	2.62e-02/124/19/7.40e-07	1.49e-02/58/19/5.05e-07
x5(10)	2.80e-03/13/2/0.00e+00	1.95e-02/87/15/0.00e+00	2.77e-02/106/35/7.15e-07
x6(10)	3.89e-03/18/3/0.00e+00	1.91e-02/92/14/6.04e-07	1.50e-02/58/19/5.05e-07
x7(10)	3.75e-03/18/3/0.00e+00	3.01e-02/153/22/1.11e-07	2.25e-02/88/29/8.20e-07
x1(50)	1.75e-02/8/1/0.00e+00	1.08e-02/8/1/0.00e+00	8.76e-02/82/27/8.01e-07
x2(50)	4.00e-03/4/1/0.00e+00	5.56e-03/4/1/0.00e+00	1.03e-01/100/33/9.68e-07
x3(50)	4.49e-03/5/1/0.00e+00	1.82e-02/17/7/8.81e-08	1.07e-01/103/34/8.82e-07
x4(50)	1.69e-02/18/3/0.00e+00	1.10e-01/125/19/3.14e-07	6.98e-02/61/20/4.07e-07
x5(50)	1.44e-02/13/2/0.00e+00	6.53e-02/71/12/1.93e-07	1.13e-01/106/35/7.15e-07
x6(50)	1.68e-02/18/3/0.00e+00	5.24e-02/57/8/0.00e+00	6.51e-02/61/20/4.07e-07
x7(50)	1.67e-02/18/3/0.00e+00	1.01e-01/105/16/2.44e-07	1.02e-01/85/28/7.94e-07
x1(100)	1.47e-02/8/1/0.00e+00	1.65e-02/8/1/0.00e+00	1.43e-01/79/26/9.96e-07
x2(100)	7.79e-03/4/1/0.00e+00	1.03e-02/4/1/0.00e+00	1.98e-01/100/33/9.68e-07
x3(100)	8.67e-03/5/1/0.00e+00	3.86e-02/17/7/8.81e-08	1.83e-01/103/34/8.82e-07
x4(100)	2.69e-02/18/3/0.00e+00	1.38e-01/89/14/2.80e-07	1.26e-01/61/20/5.76e-07
x5(100)	2.24e-02/13/2/0.00e+00	1.26e-01/71/12/2.51e-07	2.20e-01/106/35/7.15e-07
x6(100)	3.03e-02/18/3/0.00e+00	2.59e-01/151/22/1.07e-07	1.23e-01/61/20/5.76e-07
x7(100)	3.11e-02/18/3/0.00e+00	1.88e-01/112/17/4.17e-07	1.69e-01/82/27/9.81e-07

Table 2: Numerical results on Problem 2.

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(1)	1.30e-03/6/1/0.00e+00	7.91e-04/6/1/0.00e+00	4.87e-03/133/44/8.48e-07
x2(1)	1.29e-04/4/1/0.00e+00	4.78e-04/4/1/0.00e+00	3.17e-03/100/33/9.68e-07
x3(1)	3.01e-04/9/2/2.22e-16	7.10e-04/19/8/6.46e-07	3.08e-03/106/35/7.27e-07
x4(1)	2.05e-03/67/15/0.00e+00	5.94e-03/269/24/3.61e-08	4.07e-03/130/43/8.54e-07
x5(1)	5.10e-04/16/3/0.00e+00	1.35e-03/33/6/0.00e+00	3.33e-03/109/36/9.12e-07
x6(1)	1.81e-03/66/11/0.00e+00	3.13e-03/123/18/4.21e-07	3.98e-03/130/43/8.54e-07
x7(1)	2.02e-03/67/15/0.00e+00	5.86e-03/269/24/3.61e-08	3.98e-03/130/43/8.54e-07
x1(5)	7.86e-04/6/1/0.00e+00	2.66e-03/6/1/0.00e+00	1.84e-02/139/46/8.77e-07
x2(5)	5.70e-04/4/1/0.00e+00	2.46e-03/4/1/0.00e+00	1.31e-02/100/33/9.68e-07
x3(5)	6.24e-04/5/1/0.00e+00	3.08e-03/17/7/8.81e-08	1.32e-02/103/34/8.82e-07
x4(5)	1.67e-02/139/28/0.00e+00	3.72e-02/560/37/4.81e-08	1.11e-02/136/45/8.83e-07
x5(5)	1.29e-03/16/3/0.00e+00	4.05e-03/50/13/5.04e-07	8.53e-03/109/36/9.12e-07
x6(5)	7.15e-03/98/22/0.00e+00	2.56e-02/484/37/6.97e-07	1.08e-02/136/45/8.83e-07
x7(5)	9.68e-03/139/28/0.00e+00	2.79e-02/560/37/4.81e-08	1.02e-02/136/45/8.83e-07
x1(10)	8.40e-04/6/1/0.00e+00	1.89e-03/6/1/0.00e+00	2.05e-02/142/47/8.43e-07
x2(10)	5.85e-04/4/1/0.00e+00	1.67e-03/4/1/0.00e+00	1.45e-02/100/33/9.68e-07
x3(10)	6.71e-04/5/1/0.00e+00	3.30e-03/17/7/8.81e-08	1.56e-02/103/34/8.82e-07
x4(10)	1.68e-02/119/32/0.00e+00	8.54e-02/956/54/3.86e-07	2.12e-02/139/46/8.49e-07
x5(10)	2.02e-03/16/3/0.00e+00	7.45e-03/48/13/6.83e-07	1.64e-02/109/36/9.12e-07
x6(10)	1.43e-02/113/25/0.00e+00	9.18e-02/1011/60/4.59e-07	2.15e-02/139/46/8.49e-07
x7(10)	1.67e-02/119/32/0.00e+00	8.73e-02/956/54/3.86e-07	2.12e-02/139/46/8.49e-07
x1(50)	4.43e-03/6/1/0.00e+00	3.71e-03/6/1/0.00e+00	6.21e-02/148/49/8.72e-07
x2(50)	1.41e-03/4/1/0.00e+00	3.11e-03/4/1/0.00e+00	3.96e-02/100/33/9.68e-07

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Table 2 (*continued*)

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x3(50)	1.61e-03/5/1/0.00e+00	8.71e-03/17/7/8.81e-08	4.10e-02/103/34/8.82e-07
x4(50)	6.59e-02/178/42/0.00e+00	4.35e-01/1845/86/0.00e+00	6.11e-02/145/48/8.78e-07
x5(50)	5.53e-03/16/3/0.00e+00	2.02e-02/48/13/9.22e-07	4.44e-02/109/36/9.13e-07
x6(50)	5.63e-02/151/36/0.00e+00	4.85e-01/2079/97/8.11e-07	6.04e-02/145/48/8.78e-07
x7(50)	7.38e-02/178/42/0.00e+00	4.63e-01/1845/86/0.00e+00	6.45e-02/145/48/8.78e-07
x1(100)	4.98e-03/6/1/0.00e+00	6.73e-03/6/1/0.00e+00	8.17e-02/151/50/8.38e-07
x2(100)	1.88e-03/4/1/0.00e+00	5.01e-03/4/1/0.00e+00	4.90e-02/100/33/9.68e-07
x3(100)	2.79e-03/5/1/0.00e+00	1.12e-02/17/7/8.81e-08	5.09e-02/103/34/8.82e-07
x4(100)	9.26e-02/180/44/0.00e+00	7.67e-01/2583/114/8.48e-07	8.11e-02/148/49/8.45e-07
x5(100)	7.41e-03/16/3/0.00e+00	3.03e-02/58/15/4.40e-07	5.67e-02/109/36/9.13e-07
x6(100)	1.11e-01/215/50/0.00e+00	7.50e-01/2460/108/0.00e+00	7.96e-02/148/49/8.45e-07
x7(100)	8.84e-02/180/44/0.00e+00	7.89e-01/2583/114/8.48e-07	8.10e-02/148/49/8.45e-07

Table 3: Numerical results on Problem 3.

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x1(1)	7.11e-03/129/32/4.11e-07	9.02e-03/299/38/6.15e-07	6.00e-03/163/54/9.01e-07
x2(1)	3.07e-03/86/20/4.90e-07	2.95e-03/78/24/4.44e-07	5.43e-03/153/51/8.32e-07
x3(1)	3.90e-03/110/23/4.04e-07	2.43e-03/64/20/2.70e-07	5.58e-03/153/51/7.07e-07
x4(1)	5.99e-03/158/41/6.76e-07	1.20e-02/443/43/6.07e-07	5.82e-03/165/55/9.56e-07
x5(1)	4.17e-03/113/25/2.21e-07	2.48e-03/67/21/9.28e-07	5.30e-03/150/50/7.41e-07
x6(1)	4.83e-03/139/32/6.25e-07	1.24e-02/473/45/5.43e-07	5.84e-03/165/55/9.62e-07
x7(1)	2.83e-03/85/19/4.75e-07	1.78e-03/48/16/6.66e-07	5.01e-03/144/48/9.22e-07
x1(5)	2.43e-02/182/45/6.74e-07	5.43e-02/594/55/8.41e-07	1.66e-02/178/59/7.84e-07
x2(5)	1.02e-02/120/27/5.54e-07	6.07e-03/66/19/6.53e-07	1.76e-02/168/56/7.20e-07
x3(5)	1.45e-02/124/28/8.02e-07	8.66e-03/86/25/9.74e-07	1.52e-02/165/55/9.81e-07
x4(5)	1.73e-02/210/48/3.93e-07	7.21e-02/1191/72/1.82e-07	1.67e-02/180/60/8.25e-07
x5(5)	1.90e-02/210/56/2.70e-07	8.07e-03/85/24/3.08e-07	1.54e-02/162/54/9.53e-07
x6(5)	1.73e-02/203/49/4.78e-07	7.59e-02/1225/78/8.45e-07	1.74e-02/180/60/8.26e-07
x7(5)	6.93e-03/85/18/8.08e-07	6.86e-03/69/20/7.62e-07	1.47e-02/159/53/8.00e-07
x1(10)	3.59e-02/194/49/4.87e-07	8.41e-02/612/51/7.89e-08	3.37e-02/184/61/7.81e-07
x2(10)	2.48e-02/146/33/8.47e-07	1.70e-02/90/26/7.41e-09	3.32e-02/174/58/7.16e-07
x3(10)	2.26e-02/134/30/3.90e-07	1.91e-02/102/29/5.33e-07	3.22e-02/171/57/9.76e-07
x4(10)	4.41e-02/251/63/9.58e-07	1.84e-01/1566/92/8.03e-07	3.53e-02/186/62/8.20e-07
x5(10)	2.05e-02/123/27/6.10e-07	2.06e-02/117/29/2.88e-07	3.14e-02/168/56/9.50e-07
x6(10)	3.78e-02/226/54/9.87e-07	1.77e-01/1552/90/9.15e-07	3.72e-02/186/62/8.21e-07
x7(10)	2.74e-02/161/33/7.40e-07	1.76e-02/94/24/8.40e-07	3.24e-02/165/55/7.96e-07
x1(50)	1.32e-01/229/58/2.36e-07	7.12e-01/1495/82/7.61e-07	1.36e-01/196/65/9.88e-07
x2(50)	1.12e-01/186/42/7.08e-07	9.18e-02/177/29/7.13e-07	1.18e-01/186/62/9.04e-07
x3(50)	1.09e-01/196/43/5.08e-07	1.09e-01/208/36/5.00e-07	1.07e-01/186/62/8.38e-07
x4(50)	1.86e-01/315/84/3.51e-07	1.44e+00/3601/168/9.01e-07	1.19e-01/201/67/7.04e-07
x5(50)	1.01e-01/183/39/4.37e-07	6.13e-02/106/25/3.09e-07	1.15e-01/183/61/8.17e-07
x6(50)	1.83e-01/319/84/2.70e-07	1.42e+00/3182/153/3.63e-07	1.25e-01/201/67/7.04e-07
x7(50)	1.29e-01/232/54/4.53e-07	5.55e-02/90/23/5.67e-07	1.15e-01/180/60/6.84e-07
x1(100)	3.09e-01/330/87/2.64e-07	1.71e+00/2565/126/5.64e-08	1.96e-01/202/67/9.81e-07
x2(100)	1.79e-01/205/44/4.61e-07	2.28e-01/288/42/6.23e-07	2.06e-01/192/64/8.98e-07
x3(100)	1.85e-01/181/42/6.19e-07	1.98e-01/232/33/6.42e-07	2.07e-01/192/64/8.32e-07
x4(100)	4.11e-01/401/104/7.63e-07	3.43e+00/5063/210/2.20e-07	2.07e-01/207/69/7.00e-07
x5(100)	1.97e-01/224/48/8.17e-07	2.16e-01/262/36/8.64e-07	1.85e-01/189/63/8.12e-07
x6(100)	4.80e-01/543/123/3.29e-07	3.63e+00/5501/230/7.85e-07	2.11e-01/207/69/7.00e-07
x7(100)	2.97e-01/343/62/6.85e-07	9.41e-02/104/24/1.45e-07	1.90e-01/183/61/1.00e-06

Table 4: Numerical results on Problem 4.

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x1(1)	4.71e-03/82/19/4.48e-07	5.74e-04/18/5/6.22e-07	1.83e-03/61/20/5.41e-07
x2(1)	2.11e-03/82/19/4.00e-07	3.26e-03/135/21/8.09e-07	1.89e-03/61/20/6.87e-07
x3(1)	2.10e-03/82/19/3.99e-07	3.83e-03/160/25/5.79e-07	1.77e-03/61/20/6.86e-07
x4(1)	2.19e-03/82/19/5.27e-07	3.35e-03/141/22/3.06e-07	1.75e-03/58/19/8.65e-07
x5(1)	2.20e-03/82/19/3.98e-07	4.09e-03/168/26/6.33e-07	1.86e-03/61/20/6.77e-07
x6(1)	2.33e-03/82/19/5.29e-07	3.74e-03/160/24/8.42e-07	1.67e-03/58/19/8.65e-07
x7(1)	2.15e-03/82/19/5.27e-07	3.27e-03/141/22/3.06e-07	1.59e-03/58/19/8.65e-07

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Table 4 (*continued*)

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(5)	6.56e-03/86/20/3.94e-07	2.00e-03/21/6/8.64e-08	5.45e-03/64/21/4.85e-07
x2(5)	6.14e-03/82/19/8.94e-07	1.06e-02/150/24/6.41e-07	5.47e-03/64/21/6.16e-07
x3(5)	5.98e-03/82/19/8.94e-07	8.16e-03/115/18/7.52e-07	5.99e-03/64/21/6.16e-07
x4(5)	6.31e-03/86/20/4.65e-07	1.25e-02/183/28/4.12e-07	5.68e-03/61/20/7.76e-07
x5(5)	5.97e-03/82/19/8.93e-07	1.27e-02/184/28/7.89e-07	5.63e-03/64/21/6.13e-07
x6(5)	6.36e-03/86/20/4.65e-07	1.53e-02/227/34/8.84e-07	5.58e-03/61/20/7.76e-07
x7(5)	6.36e-03/86/20/4.65e-07	1.24e-02/183/28/4.12e-07	5.45e-03/61/20/7.76e-07
x1(10)	1.25e-02/86/20/5.58e-07	3.66e-03/21/6/1.22e-07	1.08e-02/64/21/6.86e-07
x2(10)	1.28e-02/86/20/4.97e-07	1.82e-02/139/22/8.13e-07	1.09e-02/64/21/8.71e-07
x3(10)	1.26e-02/86/20/4.97e-07	1.66e-02/126/20/7.81e-07	1.09e-02/64/21/8.71e-07
x4(10)	1.30e-02/86/20/6.57e-07	2.58e-02/205/31/8.95e-07	1.05e-02/64/21/4.40e-07
x5(10)	1.23e-02/86/20/4.97e-07	2.37e-02/192/30/5.19e-07	1.04e-02/64/21/8.69e-07
x6(10)	1.24e-02/86/20/6.57e-07	1.60e-02/130/20/7.81e-07	1.05e-02/64/21/4.40e-07
x7(10)	1.23e-02/86/20/6.57e-07	2.58e-02/205/31/8.95e-07	1.08e-02/64/21/4.40e-07
x1(50)	4.09e-02/90/21/4.89e-07	1.14e-02/21/6/2.73e-07	3.58e-02/67/22/6.15e-07
x2(50)	4.02e-02/90/21/4.36e-07	6.19e-02/159/25/3.29e-07	3.69e-02/67/22/7.80e-07
x3(50)	4.18e-02/90/21/4.36e-07	4.55e-02/113/19/8.79e-07	3.64e-02/67/22/7.80e-07
x4(50)	4.45e-02/90/21/5.76e-07	7.13e-02/190/29/7.44e-07	3.38e-02/64/21/9.83e-07
x5(50)	4.73e-02/90/21/4.36e-07	7.81e-02/210/33/8.18e-07	3.17e-02/67/22/7.80e-07
x6(50)	3.76e-02/90/21/5.77e-07	7.22e-02/219/33/8.29e-07	3.01e-02/64/21/9.83e-07
x7(50)	3.42e-02/90/21/5.76e-07	6.11e-02/190/29/7.44e-07	3.00e-02/64/21/9.83e-07
x1(100)	4.32e-02/90/21/6.92e-07	1.15e-02/21/6/3.86e-07	3.35e-02/67/22/8.69e-07
x2(100)	4.64e-02/90/21/6.17e-07	2.74e-02/65/12/4.23e-07	3.55e-02/70/23/4.42e-07
x3(100)	4.16e-02/90/21/6.17e-07	5.89e-02/149/24/9.96e-07	3.47e-02/70/23/4.42e-07
x4(100)	4.15e-02/90/21/8.15e-07	7.68e-02/201/30/3.59e-07	3.31e-02/67/22/5.58e-07
x5(100)	4.22e-02/90/21/6.17e-07	7.66e-02/196/31/4.94e-07	3.50e-02/70/23/4.42e-07
x6(100)	4.22e-02/90/21/8.15e-07	8.51e-02/228/34/1.26e-07	3.26e-02/67/22/5.57e-07
x7(100)	4.06e-02/90/21/8.15e-07	7.62e-02/201/30/3.59e-07	3.25e-02/67/22/5.58e-07

Table 5: Numerical results on Problem 5.

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(1)	5.85e-03/49/12/8.92e-07	1.07e-03/17/8/8.03e-07	5.22e-03/120/40/9.37e-07
x2(1)	1.61e-03/44/11/3.68e-07	8.24e-04/16/7/6.80e-09	3.74e-03/96/32/7.48e-07
x3(1)	1.64e-03/45/11/9.28e-07	2.52e-03/63/19/5.64e-07	4.17e-03/102/34/7.29e-07
x4(1)	2.48e-03/57/14/7.64e-07	2.18e-03/46/15/4.86e-07	5.66e-03/123/41/9.72e-07
x5(1)	2.04e-03/49/12/8.83e-07	2.01e-03/59/18/7.78e-07	3.54e-03/108/36/7.78e-07
x6(1)	1.79e-03/57/14/7.88e-07	2.24e-03/64/19/4.83e-07	4.21e-03/123/41/9.73e-07
x7(1)	1.75e-03/57/14/7.64e-07	1.60e-03/46/15/4.86e-07	4.24e-03/123/41/9.72e-07
x1(5)	6.41e-03/53/13/4.77e-07	3.35e-03/19/9/6.67e-07	1.50e-02/126/42/9.66e-07
x2(5)	4.63e-03/44/11/3.72e-07	2.58e-03/16/7/1.49e-08	1.09e-02/96/32/7.43e-07
x3(5)	4.32e-03/41/10/8.10e-07	2.90e-03/18/8/4.43e-07	1.12e-02/96/32/8.55e-07
x4(5)	6.14e-03/61/15/5.23e-07	6.81e-03/60/18/5.53e-08	1.42e-02/129/43/9.97e-07
x5(5)	4.82e-03/49/12/9.10e-07	8.89e-03/78/23/2.79e-07	1.27e-02/108/36/7.73e-07
x6(5)	6.16e-03/61/15/5.28e-07	7.11e-03/61/19/7.36e-07	1.46e-02/129/43/9.97e-07
x7(5)	6.14e-03/61/15/5.23e-07	7.00e-03/60/18/5.53e-08	1.59e-02/129/43/9.97e-07
x1(10)	1.04e-02/53/13/6.79e-07	5.54e-03/21/10/5.28e-07	2.49e-02/129/43/9.28e-07
x2(10)	7.61e-03/44/11/3.73e-07	3.92e-03/16/7/1.80e-08	1.87e-02/96/32/7.42e-07
x3(10)	7.24e-03/41/10/8.11e-07	4.57e-03/18/8/4.47e-07	2.00e-02/96/32/8.55e-07
x4(10)	1.22e-02/61/15/7.76e-07	7.96e-03/34/12/7.11e-07	2.67e-02/132/44/9.57e-07
x5(10)	8.88e-03/49/12/9.13e-07	1.38e-02/69/21/6.71e-07	2.11e-02/108/36/7.72e-07
x6(10)	1.07e-02/61/15/7.80e-07	7.71e-03/36/12/1.80e-07	2.60e-02/132/44/9.57e-07
x7(10)	1.06e-02/61/15/7.76e-07	7.36e-03/34/12/7.11e-07	2.53e-02/132/44/9.57e-07
x1(50)	2.80e-02/57/14/3.47e-07	1.66e-02/24/11/1.77e-08	7.24e-02/135/45/9.59e-07
x2(50)	1.98e-02/44/11/3.73e-07	1.07e-02/16/7/2.05e-08	4.77e-02/96/32/7.41e-07
x3(50)	1.92e-02/41/10/8.12e-07	1.14e-02/18/8/4.51e-07	4.75e-02/96/32/8.54e-07
x4(50)	3.15e-02/65/16/4.05e-07	2.91e-02/53/17/2.25e-07	6.57e-02/138/46/9.87e-07
x5(50)	2.30e-02/49/12/9.15e-07	2.22e-02/38/12/8.78e-07	5.43e-02/108/36/7.72e-07
x6(50)	3.09e-02/65/16/4.06e-07	2.80e-02/51/16/5.14e-07	7.30e-02/138/46/9.87e-07
x7(50)	3.11e-02/65/16/4.05e-07	2.91e-02/53/17/2.25e-07	7.27e-02/138/46/9.87e-07
x1(100)	3.81e-02/57/14/4.92e-07	2.14e-02/24/11/2.51e-08	9.47e-02/138/46/9.23e-07
x2(100)	2.66e-02/44/11/3.73e-07	1.30e-02/16/7/2.09e-08	5.96e-02/96/32/7.41e-07
x3(100)	2.44e-02/41/10/8.12e-07	1.44e-02/18/8/4.51e-07	6.00e-02/96/32/8.54e-07
x4(100)	4.40e-02/65/16/5.76e-07	4.43e-02/64/19/4.11e-08	9.84e-02/141/47/9.49e-07
x5(100)	3.16e-02/49/12/9.16e-07	4.13e-02/61/18/5.80e-07	7.22e-02/108/36/7.72e-07
x6(100)	4.36e-02/65/16/5.77e-07	4.60e-02/64/20/8.78e-07	1.00e-01/141/47/9.49e-07

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Table 5 (*continued*)

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x7(100)	4.38e-02/65/16/5.76e-07	4.49e-02/64/19/4.12e-08	1.01e-01/141/47/9.49e-07

Table 6: Numerical results on Problem 6.

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x1(1)	2.24e-03/4/1/0.00e+00	8.40e-04/4/1/0.00e+00	1.21e-03/4/1/0.00e+00
x2(1)	3.34e-04/11/1/0.00e+00	1.35e-03/11/1/0.00e+00	8.22e-03/280/70/9.77e-07
x3(1)	5.28e-04/18/2/2.22e-16	2.49e-03/104/10/2.61e-15	6.14e-03/226/57/8.70e-07
x4(1)	1.72e-03/50/14/0.00e+00	2.65e-02/765/37/0.00e+00	1.25e-02/371/93/9.62e-07
x5(1)	1.02e-03/29/5/0.00e+00	4.61e-03/151/13/0.00e+00	1.16e-02/345/87/9.33e-07
x6(1)	2.02e-03/53/14/0.00e+00	2.50e-02/652/31/0.00e+00	1.33e-02/371/93/9.68e-07
x7(1)	1.95e-03/50/14/0.00e+00	2.51e-02/896/38/0.00e+00	1.28e-02/371/93/9.62e-07
x1(5)	6.97e-04/4/1/0.00e+00	2.13e-03/4/1/0.00e+00	3.36e-03/4/1/0.00e+00
x2(5)	1.02e-03/11/1/0.00e+00	2.44e-03/11/1/0.00e+00	2.85e-02/280/70/9.77e-07
x3(5)	4.12e-04/3/1/0.00e+00	1.94e-03/3/1/0.00e+00	3.26e-03/3/1/0.00e+00
x4(5)	1.21e-02/98/28/0.00e+00	4.37e-02/401/16/0.00e+00	3.95e-02/391/98/9.02e-07
x5(5)	2.70e-03/29/5/0.00e+00	6.36e-03/62/5/0.00e+00	3.49e-02/345/87/9.34e-07
x6(5)	2.02e-02/228/38/3.97e+12	5.38e-02/549/23/0.00e+00	3.25e-02/391/98/9.03e-07
x7(5)	7.44e-03/87/24/0.00e+00	3.76e-02/401/16/0.00e+00	3.19e-02/391/98/9.02e-07
x1(10)	9.24e-04/4/1/0.00e+00	1.94e-03/4/1/0.00e+00	2.97e-03/4/1/0.00e+00
x2(10)	1.28e-03/11/1/0.00e+00	2.44e-03/11/1/0.00e+00	4.16e-02/280/70/9.77e-07
x3(10)	6.02e-04/3/1/0.00e+00	1.78e-03/3/1/0.00e+00	2.92e-03/3/1/0.00e+00
x4(10)	1.29e-02/73/22/0.00e+00	2.49e-01/1946/84/0.00e+00	6.35e-02/399/100/8.99e-07
x5(10)	4.27e-03/29/5/0.00e+00	8.32e-03/62/5/0.00e+00	5.32e-02/345/87/9.34e-07
x6(10)	1.85e-02/112/33/0.00e+00	6.75e-02/574/22/0.00e+00	6.14e-02/399/100/8.99e-07
x7(10)	1.23e-02/73/22/0.00e+00	2.37e-01/1944/84/0.00e+00	6.32e-02/399/100/8.99e-07
x1(50)	2.81e-03/4/1/0.00e+00	6.38e-03/4/1/0.00e+00	6.44e-03/4/1/0.00e+00
x2(50)	4.00e-03/11/1/0.00e+00	4.62e-03/11/1/0.00e+00	9.94e-02/280/70/9.77e-07
x3(50)	1.36e-03/3/1/0.00e+00	3.03e-03/3/1/0.00e+00	4.59e-03/3/1/0.00e+00
x4(50)	9.81e-02/246/57/0.00e+00	3.43e-01/1007/40/0.00e+00	1.88e-01/415/104/9.96e-07
x5(50)	1.21e-02/29/5/0.00e+00	2.39e-02/62/5/0.00e+00	1.50e-01/345/87/9.34e-07
x6(50)	5.96e-02/130/40/0.00e+00	6.53e-01/2070/68/0.00e+00	1.92e-01/415/104/9.96e-07
x7(50)	8.79e-02/220/51/0.00e+00	3.87e-01/1160/40/0.00e+00	1.90e-01/415/104/9.96e-07
x1(100)	4.77e-03/4/1/0.00e+00	6.79e-03/4/1/0.00e+00	7.08e-03/4/1/0.00e+00
x2(100)	4.06e-03/11/1/0.00e+00	6.16e-03/11/1/0.00e+00	1.39e-01/280/70/9.77e-07
x3(100)	1.86e-03/3/1/0.00e+00	4.51e-03/3/1/0.00e+00	5.56e-03/3/1/0.00e+00
x4(100)	1.07e-01/168/49/0.00e+00	9.69e-01/1402/48/0.00e+00	2.84e-01/423/106/9.92e-07
x5(100)	1.87e-02/29/5/0.00e+00	3.70e-02/62/5/0.00e+00	2.12e-01/345/87/9.34e-07
x6(100)	1.78e-01/336/67/0.00e+00	9.74e-01/1387/49/0.00e+00	2.74e-01/423/106/9.92e-07
x7(100)	1.25e-01/199/57/0.00e+00	7.82e-01/1605/55/0.00e+00	2.73e-01/423/106/9.92e-07

Table 7: Numerical results on Problem 7.

Init(<i>n</i>)	CSGP CPUT/FVAL/NI/NORM	HSDY CPUT/FVAL/NI/NORM	CGD CPUT/FVAL/NI/NORM
x1(1)	1.55e-02/241/46/7.01e-07	1.45e-02/397/35/9.49e-07	1.68e-02/366/108/7.16e-07
x2(1)	9.66e-03/230/44/8.99e-07	1.39e-02/386/34/7.13e-07	9.96e-03/226/63/9.83e-07
x3(1)	9.13e-03/234/45/6.98e-07	1.24e-02/375/33/8.48e-07	8.03e-03/196/55/7.37e-07
x4(1)	9.40e-03/250/48/6.73e-07	1.28e-02/390/34/6.69e-07	1.21e-02/305/82/4.66e-07
x5(1)	7.86e-03/209/40/6.91e-07	1.47e-02/446/39/7.85e-07	8.80e-03/211/58/6.11e-07
x6(1)	9.68e-03/250/48/6.84e-07	1.28e-02/389/34/7.03e-07	1.16e-02/284/79/6.81e-07
x7(1)	8.07e-03/211/40/7.69e-07	1.42e-02/424/37/6.56e-07	1.21e-02/293/81/9.30e-07
x1(5)	3.95e-02/241/46/8.66e-07	5.86e-02/432/38/8.63e-07	8.24e-02/556/127/5.83e-07
x2(5)	2.56e-02/264/51/9.46e-07	3.41e-02/410/36/6.23e-07	3.01e-02/273/78/6.14e-07
x3(5)	2.45e-02/257/49/7.09e-07	3.30e-02/395/35/9.88e-07	2.88e-02/266/77/9.65e-07
x4(5)	2.42e-02/256/49/7.08e-07	3.42e-02/418/37/9.69e-07	3.99e-02/368/109/2.75e-07
x5(5)	2.42e-02/255/49/8.64e-07	4.07e-02/375/33/8.37e-07	3.04e-02/278/80/4.72e-07
x6(5)	2.41e-02/256/49/7.08e-07	3.74e-02/444/39/7.57e-07	3.92e-02/342/103/6.16e-07
x7(5)	2.20e-02/228/44/6.37e-07	3.31e-02/399/35/2.64e-07	4.20e-02/378/113/7.28e-07
x1(10)	8.01e-02/261/50/7.90e-07	9.68e-02/430/38/9.54e-07	1.27e-01/499/98/6.25e-07
x2(10)	7.29e-02/275/53/9.13e-07	1.01e-01/435/38/3.34e-07	1.07e-01/378/107/7.90e-07
x3(10)	6.53e-02/250/48/9.84e-07	8.61e-02/400/35/9.68e-07	1.02e-01/355/108/9.64e-07
x4(10)	6.56e-02/253/49/7.12e-07	9.85e-02/457/40/2.94e-07	1.34e-01/490/125/2.78e-07

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Table 7 (*continued*)

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x5(10)	7.85e-02/310/60/7.19e-07	9.32e-02/434/38/9.80e-07	1.22e-01/423/125/4.90e-07
x6(10)	6.68e-02/253/49/7.08e-07	8.82e-02/409/36/9.09e-07	1.11e-01/395/115/3.40e-07
x7(10)	6.69e-02/254/49/7.64e-07	9.53e-02/434/38/6.63e-07	1.15e-01/401/118/9.18e-07
x1(50)	2.92e-01/264/51/8.51e-07	3.77e-01/405/36/7.09e-07	9.11e-01/732/232/4.26e-07
x2(50)	2.94e-01/263/50/6.77e-07	4.22e-01/434/38/7.97e-07	5.59e-01/435/127/8.63e-07
x3(50)	3.31e-01/282/54/9.82e-07	3.84e-01/411/36/5.50e-07	6.00e-01/476/146/9.38e-07
x4(50)	3.15e-01/277/53/8.30e-07	3.30e-01/339/30/8.51e-07	3.44e-01/282/82/6.79e-07
x5(50)	3.05e-01/273/52/8.87e-07	4.30e-01/446/39/4.92e-07	6.85e-01/556/172/5.22e-07
x6(50)	3.03e-01/277/53/8.30e-07	3.48e-01/361/32/9.75e-07	4.11e-01/339/93/5.90e-07
x7(50)	3.14e-01/251/48/8.72e-07	5.04e-01/429/38/9.65e-07	4.30e-01/333/93/8.02e-07
x1(100)	4.97e-01/265/51/9.34e-07	7.46e-01/442/39/5.50e-07	1.87e+00/811/257/9.90e-07
x2(100)	5.15e-01/256/49/7.41e-07	6.54e-01/364/32/7.96e-07	6.54e-01/286/76/6.54e-07
x3(100)	6.06e-01/293/56/6.95e-07	7.54e-01/410/36/6.93e-07	1.18e+00/522/145/9.83e-07
x4(100)	6.03e-01/290/56/8.77e-07	8.69e-01/465/41/3.50e-07	9.22e-01/406/120/2.64e-07
x5(100)	5.96e-01/287/55/8.82e-07	7.07e-01/398/35/8.32e-07	1.33e+00/586/184/3.81e-07
x6(100)	5.91e-01/290/56/8.76e-07	8.26e-01/442/39/8.29e-07	9.95e-01/432/127/5.74e-07
x7(100)	5.98e-01/291/56/9.20e-07	6.42e-01/384/34/6.89e-07	8.67e-01/385/110/9.42e-07

Table 8: Numerical results on Problem 8.

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(1)	5.57e-03/74/14/7.15e-07	1.05e-03/38/7/2.30e-07	7.94e-04/25/8/1.88e-07
x2(1)	2.08e-03/79/15/2.49e-07	5.62e-03/253/29/1.13e-07	1.64e-03/50/15/2.22e-08
x3(1)	2.06e-03/79/15/2.49e-07	3.17e-03/142/17/7.64e-07	1.40e-03/49/15/2.75e-07
x4(1)	2.04e-03/80/15/4.89e-07	4.94e-03/225/26/3.35e-07	1.48e-03/53/16/8.96e-07
x5(1)	1.94e-03/79/15/2.49e-07	4.57e-03/205/24/7.92e-07	2.01e-03/71/21/2.66e-07
x6(1)	1.99e-03/80/15/4.82e-07	3.17e-03/145/17/1.42e-07	1.46e-03/53/16/9.09e-07
x7(1)	1.85e-03/80/15/4.89e-07	4.73e-03/225/26/3.35e-07	1.43e-03/53/16/8.96e-07
x1(5)	5.71e-03/79/15/3.60e-07	2.90e-03/38/7/5.13e-07	2.52e-03/25/8/4.20e-07
x2(5)	5.59e-03/79/15/5.56e-07	1.22e-02/197/23/7.31e-07	5.19e-03/56/17/2.59e-07
x3(5)	5.59e-03/79/15/5.55e-07	1.11e-02/182/21/2.01e-07	3.96e-03/49/15/9.22e-07
x4(5)	5.77e-03/85/16/2.42e-07	1.25e-02/200/23/1.60e-07	5.41e-03/66/20/2.29e-07
x5(5)	5.34e-03/79/15/5.56e-07	1.36e-02/225/26/5.22e-07	5.87e-03/74/22/3.55e-07
x6(5)	5.94e-03/85/16/2.41e-07	1.37e-02/225/26/6.97e-07	5.56e-03/66/20/2.22e-07
x7(5)	5.55e-03/85/16/2.42e-07	1.20e-02/200/23/1.60e-07	5.41e-03/66/20/2.29e-07
x1(10)	1.15e-02/79/15/5.09e-07	5.91e-03/38/7/7.26e-07	4.33e-03/25/8/5.94e-07
x2(10)	1.11e-02/79/15/7.85e-07	2.14e-02/181/21/1.65e-07	8.81e-03/52/16/6.64e-07
x3(10)	1.15e-02/79/15/7.85e-07	2.93e-02/245/28/4.60e-08	8.82e-03/53/16/1.86e-07
x4(10)	1.17e-02/85/16/3.42e-07	2.35e-02/207/24/3.23e-07	1.15e-02/75/22/9.48e-07
x5(10)	1.02e-02/79/15/7.86e-07	1.68e-02/154/18/5.82e-07	7.75e-03/45/14/9.90e-07
x6(10)	1.26e-02/85/16/3.42e-07	3.21e-02/253/29/1.30e-07	1.23e-02/74/22/2.21e-07
x7(10)	1.22e-02/85/16/3.42e-07	2.41e-02/207/24/3.23e-07	1.17e-02/75/22/9.48e-07
x1(50)	3.32e-02/84/16/2.53e-07	1.59e-02/44/8/2.64e-08	1.34e-02/28/9/1.01e-07
x2(50)	2.92e-02/84/16/3.91e-07	5.71e-02/209/24/6.55e-07	1.67e-02/45/14/3.79e-07
x3(50)	2.67e-02/84/16/3.91e-07	5.74e-02/216/25/4.96e-07	1.73e-02/45/14/9.21e-07
x4(50)	2.85e-02/85/16/7.65e-07	6.32e-02/233/27/9.90e-07	2.27e-02/62/19/9.45e-08
x5(50)	2.72e-02/84/16/3.91e-07	4.05e-02/144/17/9.57e-07	2.73e-02/74/21/7.05e-07
x6(50)	2.79e-02/85/16/7.65e-07	5.87e-02/216/25/6.62e-07	2.34e-02/62/19/9.45e-08
x7(50)	2.68e-02/85/16/7.65e-07	6.46e-02/233/27/9.90e-07	2.30e-02/62/19/9.45e-08
x1(100)	3.77e-02/84/16/3.58e-07	1.85e-02/44/8/3.73e-08	1.38e-02/28/9/1.43e-07
x2(100)	3.68e-02/84/16/5.53e-07	8.18e-02/235/27/3.41e-07	2.53e-02/52/16/3.33e-07
x3(100)	3.66e-02/84/16/5.53e-07	7.93e-02/224/26/5.65e-07	2.59e-02/53/16/6.13e-07
x4(100)	3.89e-02/90/17/2.39e-07	7.50e-02/217/25/8.82e-07	2.99e-02/62/19/1.38e-07
x5(100)	3.67e-02/84/16/5.53e-07	7.15e-02/206/24/6.35e-07	2.98e-02/62/19/7.93e-07
x6(100)	3.88e-02/90/17/2.39e-07	4.52e-02/126/15/6.17e-07	3.05e-02/62/19/1.38e-07
x7(100)	3.86e-02/90/17/2.39e-07	7.59e-02/217/25/8.82e-07	2.99e-02/62/19/1.38e-07

Table 9: Numerical results on Problem 9.

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x1(1)	2.64e-03/4/1/0.00e+00	7.92e-04/4/1/0.00e+00	6.30e-03/139/46/6.83e-07
x2(1)	1.75e-04/4/1/0.00e+00	1.03e-03/12/5/0.00e+00	3.70e-03/103/34/8.19e-07

(continued on next page)

Table 9 (*continued*)

Init(<i>n</i>)	CSGP	HSDY	CGD
	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM	CPUT/FVAL/NI/NORM
x3(1)	1.77e-04/4/1/0.00e+00	1.27e-03/34/11/8.11e-07	3.83e-03/106/35/9.54e-07
x4(1)	3.44e-04/9/2/0.00e+00	2.54e-03/51/17/0.00e+00	4.94e-03/133/44/8.93e-07
x5(1)	3.61e-04/9/2/0.00e+00	9.28e-04/10/3/0.00e+00	4.08e-03/112/37/9.26e-07
x6(1)	3.86e-04/9/2/0.00e+00	1.99e-03/48/16/1.42e-07	4.97e-03/133/44/8.94e-07
x7(1)	3.32e-04/9/2/0.00e+00	2.50e-03/51/17/0.00e+00	5.01e-03/133/44/8.93e-07
x1(5)	6.01e-04/4/1/0.00e+00	1.92e-03/4/1/0.00e+00	1.63e-02/145/48/7.06e-07
x2(5)	4.87e-04/4/1/0.00e+00	3.60e-03/12/5/0.00e+00	9.81e-03/103/34/8.19e-07
x3(5)	3.83e-04/4/1/0.00e+00	2.81e-03/12/5/0.00e+00	8.75e-03/106/35/8.21e-07
x4(5)	6.83e-04/9/2/0.00e+00	5.63e-03/58/19/8.87e-07	1.19e-02/139/46/9.24e-07
x5(5)	7.17e-04/9/2/0.00e+00	2.48e-03/10/3/0.00e+00	9.76e-03/112/37/9.27e-07
x6(5)	7.06e-04/9/2/0.00e+00	4.94e-03/51/17/6.16e-07	1.21e-02/139/46/9.24e-07
x7(5)	7.14e-04/9/2/0.00e+00	5.50e-03/58/19/8.87e-07	1.21e-02/139/46/9.24e-07
x1(10)	6.88e-04/4/1/0.00e+00	1.77e-03/4/1/0.00e+00	2.39e-02/145/48/9.99e-07
x2(10)	5.97e-04/4/1/0.00e+00	3.62e-03/12/5/0.00e+00	1.62e-02/103/34/8.19e-07
x3(10)	5.76e-04/4/1/0.00e+00	3.66e-03/12/5/0.00e+00	1.70e-02/106/35/8.21e-07
x4(10)	1.28e-03/9/2/0.00e+00	9.24e-03/51/17/8.46e-07	2.38e-02/142/47/8.89e-07
x5(10)	1.25e-03/9/2/0.00e+00	2.67e-03/10/3/0.00e+00	1.85e-02/112/37/9.27e-07
x6(10)	1.27e-03/9/2/0.00e+00	9.03e-03/51/17/8.91e-07	2.34e-02/142/47/8.89e-07
x7(10)	1.28e-03/9/2/0.00e+00	8.78e-03/51/17/8.46e-07	2.32e-02/142/47/8.89e-07
x1(50)	4.36e-03/4/1/0.00e+00	3.47e-03/4/1/0.00e+00	6.11e-02/154/51/7.02e-07
x2(50)	1.37e-03/4/1/0.00e+00	7.57e-03/12/5/0.00e+00	3.76e-02/103/34/8.19e-07
x3(50)	1.35e-03/4/1/0.00e+00	7.35e-03/12/5/0.00e+00	4.06e-02/106/35/8.21e-07
x4(50)	3.32e-03/9/2/0.00e+00	2.30e-02/53/18/5.05e-09	5.93e-02/148/49/9.19e-07
x5(50)	3.08e-03/9/2/0.00e+00	5.75e-03/10/3/0.00e+00	4.19e-02/112/37/9.27e-07
x6(50)	2.94e-03/9/2/0.00e+00	2.31e-02/53/18/5.21e-09	5.94e-02/148/49/9.19e-07
x7(50)	3.37e-03/9/2/0.00e+00	2.34e-02/53/18/5.05e-09	5.72e-02/148/49/9.19e-07
x1(100)	2.13e-03/4/1/0.00e+00	3.88e-03/4/1/0.00e+00	7.69e-02/154/51/9.93e-07
x2(100)	1.98e-03/4/1/0.00e+00	1.04e-02/12/5/0.00e+00	4.81e-02/103/34/8.19e-07
x3(100)	1.75e-03/4/1/0.00e+00	9.49e-03/12/5/0.00e+00	4.91e-02/106/35/8.21e-07
x4(100)	4.14e-03/9/2/0.00e+00	2.99e-02/53/18/7.21e-09	7.69e-02/151/50/8.84e-07
x5(100)	5.44e-03/9/2/0.00e+00	7.43e-03/10/3/0.00e+00	5.47e-02/112/37/9.27e-07
x6(100)	3.99e-03/9/2/0.00e+00	3.01e-02/53/18/7.33e-09	7.68e-02/151/50/8.84e-07
x7(100)	4.00e-03/9/2/0.00e+00	2.98e-02/53/18/7.21e-09	7.61e-02/151/50/8.84e-07

Table 10: Twenty experiment results of the sparse signal problem for CSGP, HSDY, and CGD methods

S/N	CSGP	HSDY	CGD
	NI/CPUT/MSE	NI/CPUT/MSE	NI/CPUT/MSE
1	79/1.40/1.389e-05	125/2.13/1.107e-05	176/2.92/1.191e-05
2	94/1.78/1.194e-05	165/3.14/2.280e-05	201/2.76/1.203e-05
3	80/1.40/1.104e-05	111/1.94/1.152e-05	168/2.86/1.162e-05
4	91/1.73/1.572e-05	148/2.84/2.405e-05	179/3.41/1.595e-05
5	83/1.40/9.450e-06	126/2.19/9.109e-06	165/2.87/9.528e-06
6	90/1.12/6.787e-06	126/1.48/5.989e-05	159/1.82/7.033e-06
7	85/1.46/1.224e-05	116/2.03/1.633e-05	188/3.25/1.435e-05
8	92/1.71/9.536e-06	128/2.37/9.508e-06	155/2.80/9.723e-06
9	109/1.94/9.321e-06	128/2.28/9.181e-06	193/3.39/9.553e-06
10	71/1.31/2.798e-05	77/1.42/1.016e-05	190/3.46/9.713e-06
11	84/1.51/1.385e-05	132/2.33/9.426e-06	175/3.03/9.784e-06
12	108/2.04/2.105e-05	153/2.89/3.561e-05	175/3.26/2.430e-05
13	76/1.36/1.806e-05	126/2.26/1.147e-05	170/3.04/1.225e-05
14	92/1.63/1.452e-05	139/2.48/1.183e-05	183/3.28/1.055e-05
15	91/1.75/1.075e-05	85/1.58/1.046e-05	190/3.48/1.067e-05
16	78/1.39/1.554e-05	135/2.45/2.334e-05	147/2.60/2.982e-05
17	97/1.55/9.393e-06	134/1.52/1.021e-05	193/2.11/9.581e-06
18	97/1.79/9.277e-06	176/3.22/1.124e-05	212/3.77/9.050e-06
19	79/1.38/8.745e-06	151/2.62/1.600e-05	174/2.96/8.768e-06
20	90/1.62/7.007e-06	155/2.79/8.775e-06	189/3.50/7.266e-06
Average	90/1.62/7.007e-06	155/2.79/8.775e-06	189/3.50/7.266e-06