Simulation 4.2

Part2

Author Name

The aim of the report
Feedbacks

Department Name
University Name
Country
Date

Chapter 1

Summary

1.1 MSE for $n = 512$

	m							
$k^{\sigma}_{N_z}$	80	90	100	110	120	130	140	150
$1000^{0.002}_{15}$	1.0560E-04	1.1209E-04	1.0229E-04	9.8239E-05	9.3934E-05	7.6877E-05	8.5988E-05	8.6879E-05
$2500^{0.002}_{15}$	6.3381E-03	1.9443E-05	1.6833E-05	1.8925E-05	1.8544E-05	1.4123E-05	1.4605E-05	1.3805E-05
$5000^{0.002}_{15}$	7.9868E-06	3.7710E-05	6.0672E-06	4.6313E-06	5.8835E-06	4.4053E-06	4.3967E-06	5.2360E-06
$1000^{0.020}_{15}$	1.5943E-03	7.1687E-04	2.3504E-04	2.5102E-04	1.9138E-04	1.6162E-04	1.9532E-04	1.3470E-04
$2500^{0.020}_{15}$	5.1712E-03	8.5080E-05	1.3296E-04	1.3145E-04	2.2780E-04	6.6987E-05	1.0550E-04	1.8101E-04
$5000^{0.020}_{15}$	1.6580E-02	1.6106E-04	2.6179E-04	8.8339E-05	2.7186E-04	1.5328E-04	1.4970E-04	1.0286E-04
$1000^{0.002}_{25}$	3.7924E-02	3.2953E-02	2.2311E-02	2.1806E-02	5.8534E-04	2.5598E-03	6.2884E-05	5.3741E-05
$2500^{0.002}_{25}$	3.9403E-02	3.5893E-02	1.7250E-02	3.5109E-04	7.2696E-03	1.2143E-05	9.2004E-05	2.2523E-05
$5000^{0.002}_{25}$	4.1010E-02	5.9391E-03	3.0753E-02	2.8401E-02	2.7536E-05	7.7386E-03	2.9185E-04	4.1558E-06
$1000^{0.020}_{25}$	3.2724E-02	9.3374E-03	2.6011E-02	1.6733E-03	9.6481E-03	8.1350E-04	3.3771E-04	1.9166E-04
$2500^{0.020}_{25}$	3.9395E-02	3.2592E-02	3.2556E-02	5.5361E-03	8.7281E-04	2.2547E-04	4.1474E-04	2.4462E-04
$5000^{0.020}_{25}$	3.5932E-02	3.0071E-02	1.8789E-02	1.4839E-03	5.5903E-03	3.2871E-03	1.7926E-04	2.7108E-04

Table 1.1: MSE for $n = 512$

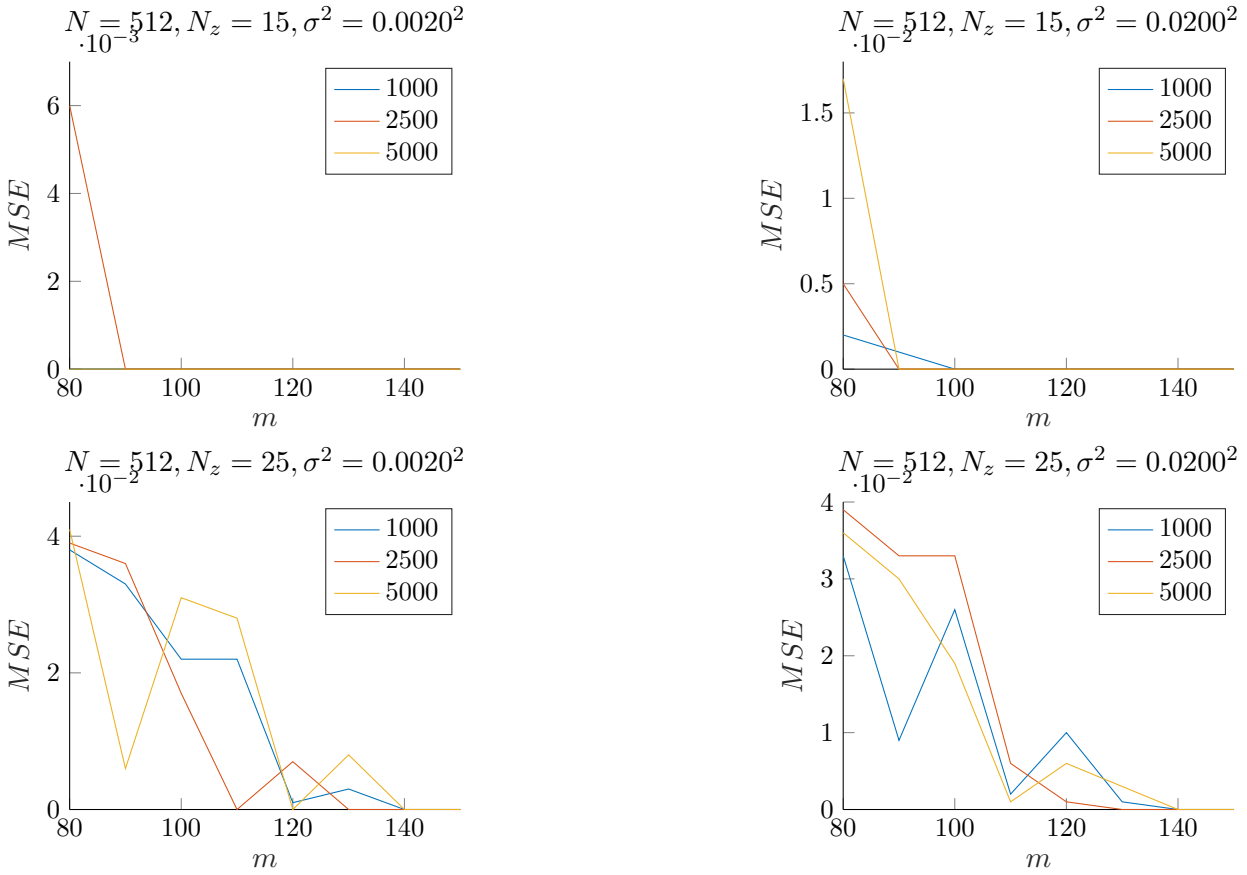


Figure 1.1: MSE performances for $N = 512$

1.2 Execution time for $n = 512$

	m								
k^{σ}_{Nz}	80	90	100	110	120	130	140	150	Total
$1000^{0.002}_{15}$	00:18:12	00:18:01	00:16:09	00:15:36	00:15:03	00:18:01	00:15:18	00:13:45	02:10:05
$2500^{0.002}_{15}$	00:23:31	00:21:23	00:21:48	00:20:35	00:18:33	00:16:55	00:18:08	00:16:58	02:37:51
$5000^{0.002}_{15}$	00:41:43	00:44:26	00:35:30	00:29:34	00:26:46	00:27:41	00:26:45	00:26:16	04:18:41
$1000^{0.020}_{15}$	00:16:57	00:15:14	00:17:40	00:17:13	00:14:37	00:15:27	00:17:08	00:17:44	02:12:00
$2500^{0.020}_{15}$	00:24:47	00:29:18	00:26:33	00:29:33	00:23:50	00:27:42	00:31:51	00:21:57	03:35:31
$5000^{0.020}_{15}$	00:30:26	01:06:21	00:54:52	01:03:23	00:49:13	00:52:20	00:49:27	01:07:39	07:13:41
$1000^{0.002}_{25}$	00:11:52	00:11:53	00:11:14	00:11:10	00:12:10	00:12:12	00:12:27	00:12:53	01:35:51
$2500^{0.002}_{25}$	00:12:47	00:13:12	00:18:37	00:22:59	00:22:49	00:18:17	00:18:56	00:17:26	02:25:03
$5000^{0.002}_{25}$	00:13:51	00:44:35	00:15:15	00:16:21	00:37:23	00:37:32	00:34:28	00:24:07	03:43:32
$1000^{0.020}_{25}$	00:11:35	00:14:17	00:11:05	00:12:31	00:11:26	00:11:31	00:12:36	00:14:12	01:39:13
$2500^{0.020}_{25}$	00:13:19	00:12:37	00:13:26	00:23:29	00:24:51	00:25:26	00:21:39	00:24:35	02:39:22
$5000^{0.020}_{25}$	00:14:32	00:15:49	00:30:54	00:43:38	00:35:23	00:35:08	00:38:38	00:36:14	04:10:16
									01:14:21:06

Table 1.2: Execution time for $n = 512$

1.3 Settle down time for $n = 512$

	m							
k^{σ}_{Nz}	80	90	100	110	120	130	140	150
$1000^{0.002}_{15}$	56.50	50.68	91.02	41.58	35.78	29.87	24.60	27.55
$2500^{0.002}_{15}$	150.00	82.30	59.72	149.70	58.58	27.25	28.96	34.41
$5000^{0.002}_{15}$	109.32	132.82	92.47	51.93	54.17	48.74	114.93	60.99
$1000^{0.020}_{15}$	150.00	150.00	48.69	122.58	51.16	33.51	30.31	19.03
$2500^{0.020}_{15}$	150.00	46.42	46.20	49.61	55.44	30.89	29.20	38.34
$5000^{0.020}_{15}$	150.00	142.36	94.83	41.17	92.84	53.04	56.66	143.63
$1000^{0.002}_{25}$	139.63	149.86	150.00	150.00	150.00	150.00	49.59	104.72
$2500^{0.002}_{25}$	148.26	140.29	150.00	150.00	150.00	58.60	145.90	123.29
$5000^{0.002}_{25}$	129.53	150.00	119.30	149.51	127.16	150.00	150.00	58.87
$1000^{0.020}_{25}$	149.01	150.00	150.00	150.00	150.00	150.00	89.32	49.09
$2500^{0.020}_{25}$	148.83	115.42	149.29	150.00	150.00	80.36	141.91	74.37
$5000^{0.020}_{25}$	149.75	132.60	150.00	150.00	150.00	150.00	91.21	111.40

Table 1.3: Settle down time for $n = 512$

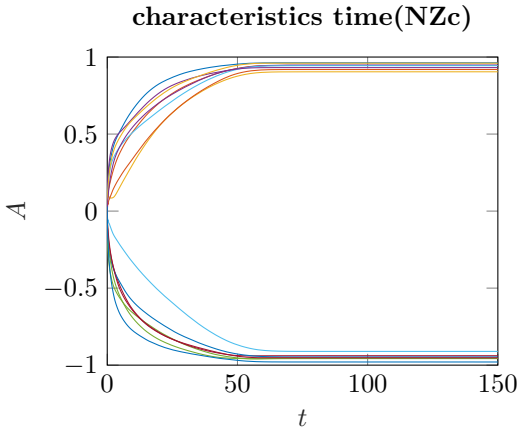
Chapter 2

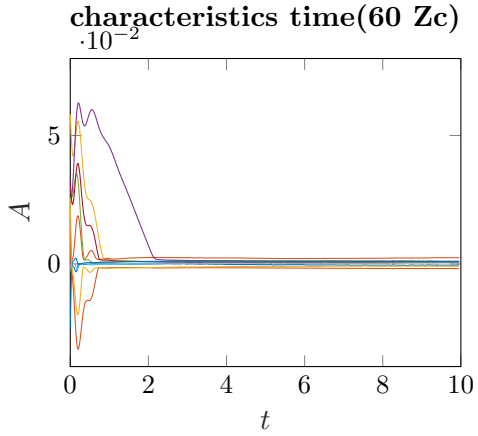
Details

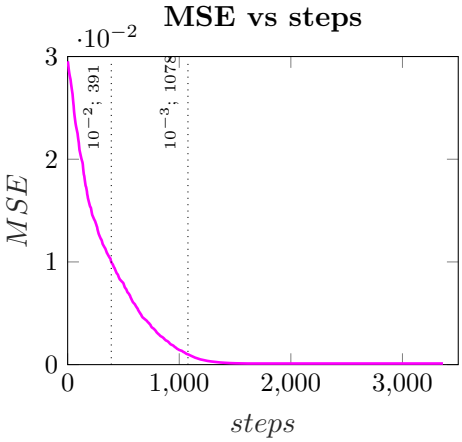
2.1 sim 4.111

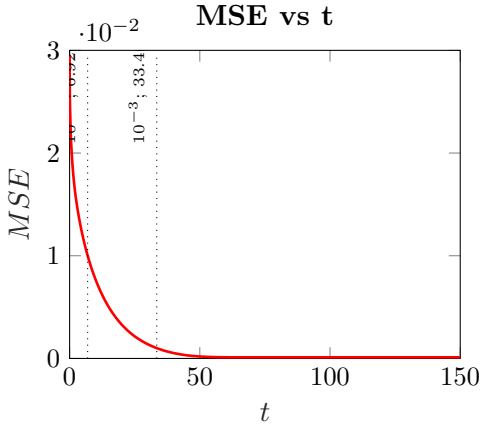
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.0560E-04$	00 : 18 : 12	150.00	3363	4.111

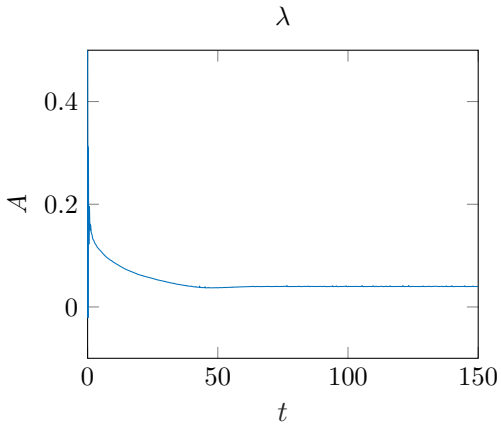
A	Nz	η	m	n	σ
1	15	15	80	512	0.0020









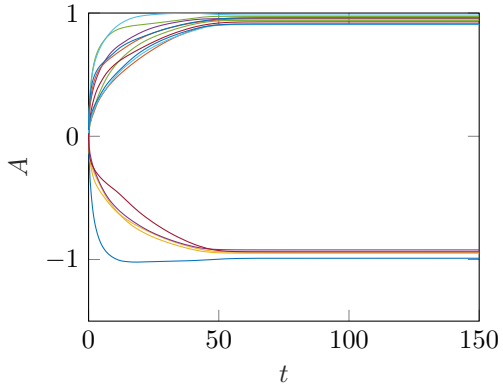


2.2 sim 4.112

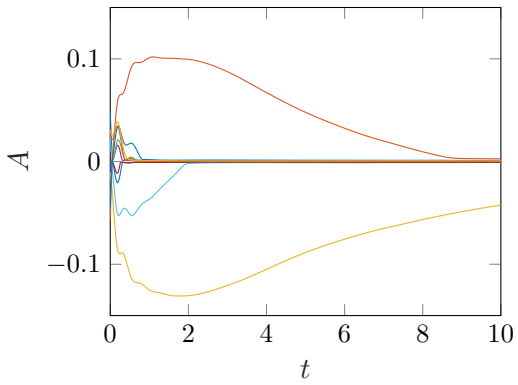
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.1209E-04$	00 : 18 : 01	150.00	3273	4.112

A	Nz	η	m	n	σ
1	15	15	90	512	0.0020

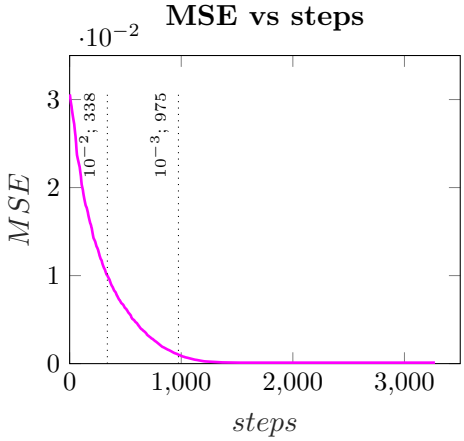
characteristics time(NZc)



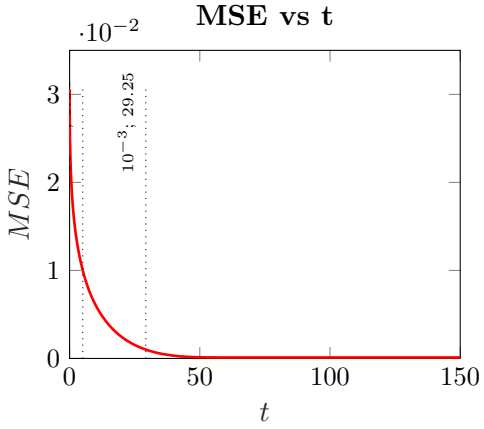
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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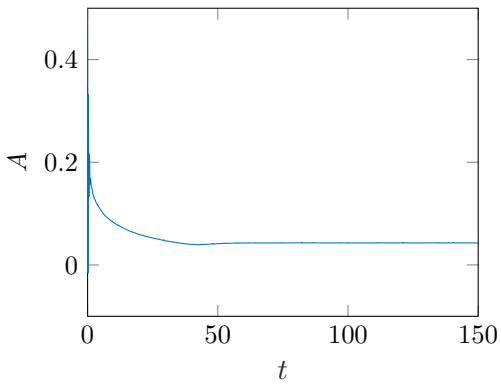
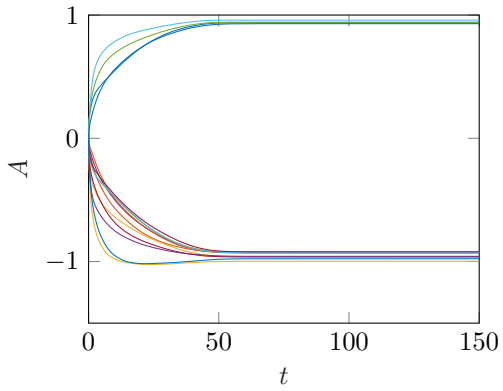


2.3 sim 4.105

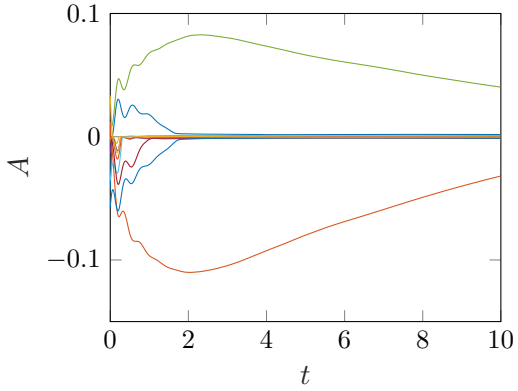
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.0229E-04$	00 : 16 : 09	150.00	2923	4.105

A	Nz	η	m	n	σ
1	15	15	100	512	0.0020

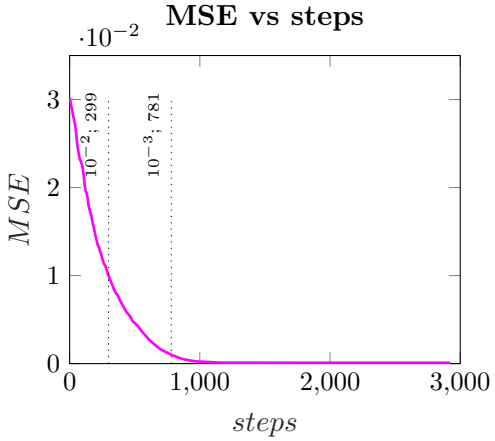
characteristics time(NZc)



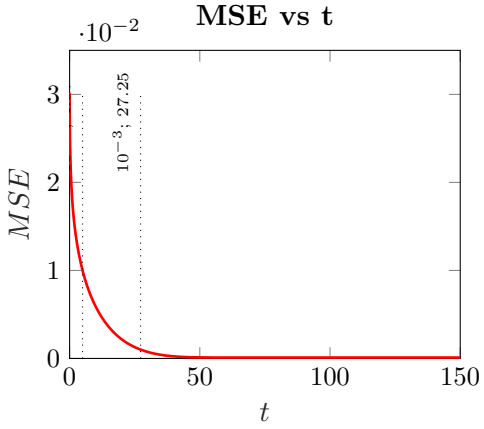
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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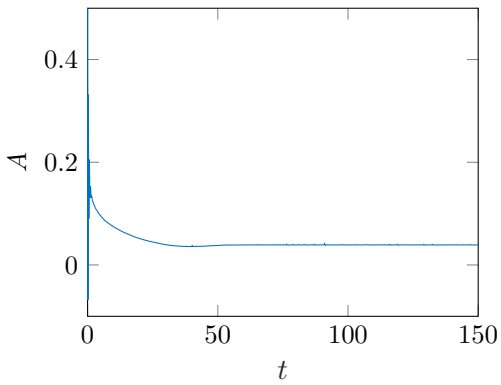
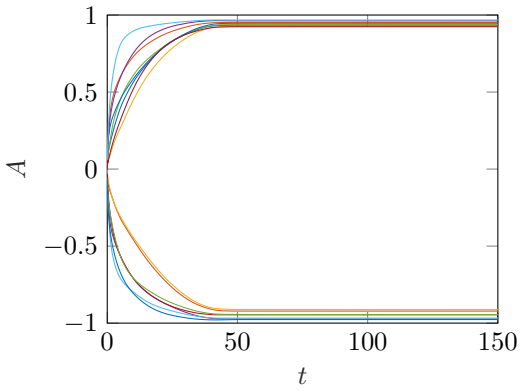


2.4 sim 4.106

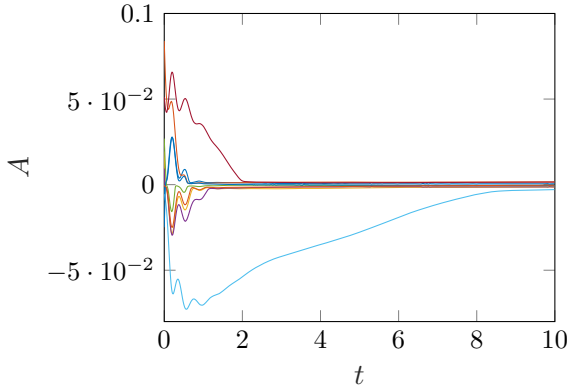
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$9.8239E-05$	00 : 15 : 36	150.00	2825	4.106

A	Nz	η	m	n	σ
1	15	15	110	512	0.0020

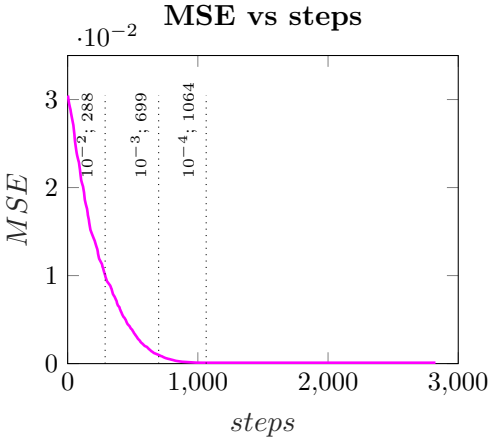
characteristics time(NZc)



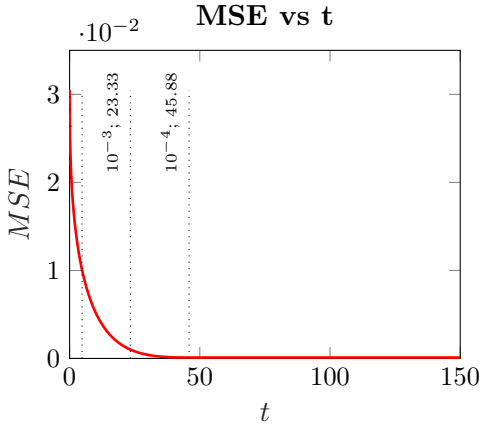
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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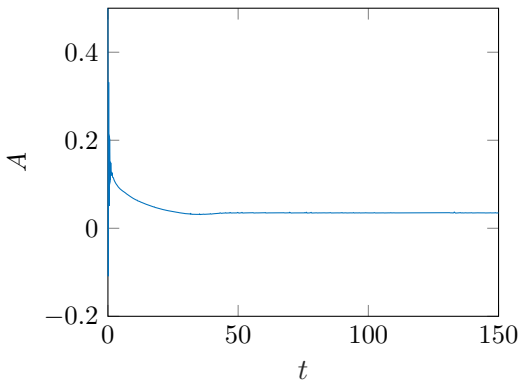
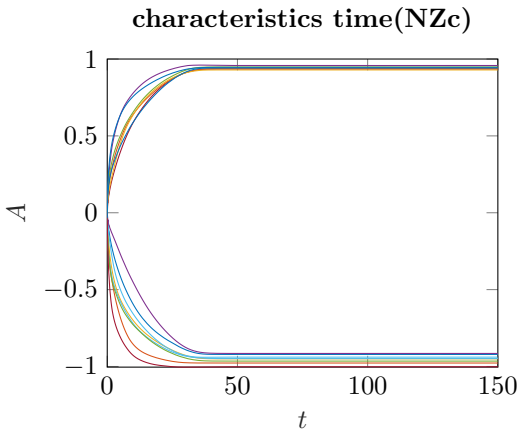
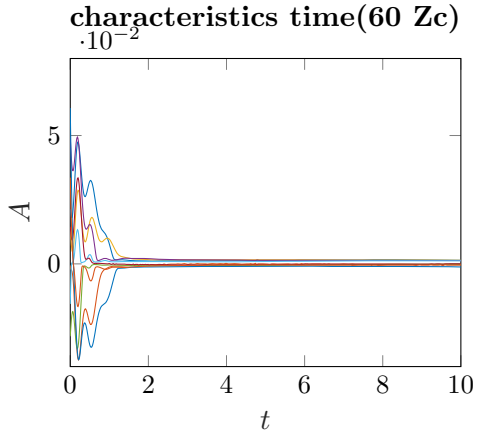


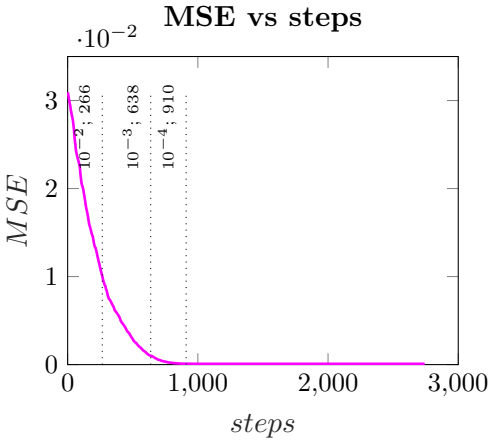
2.5 sim 4.107

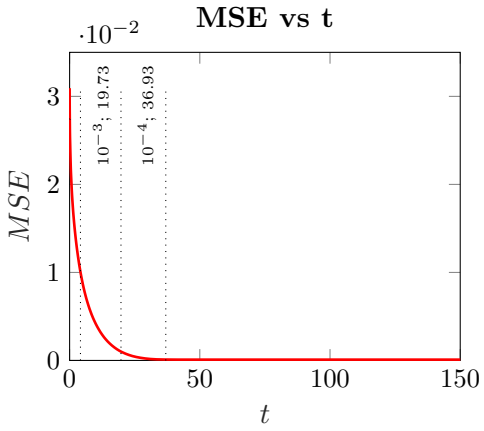
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$9.3934E-05$	00 : 15 : 03	150.00	2742	4.107

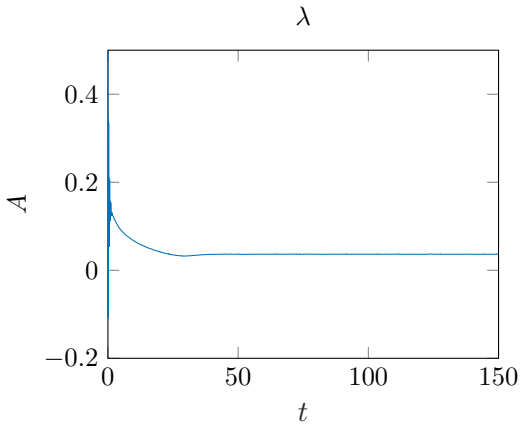
A	Nz	η	m	n	σ
1	15	15	120	512	0.0020









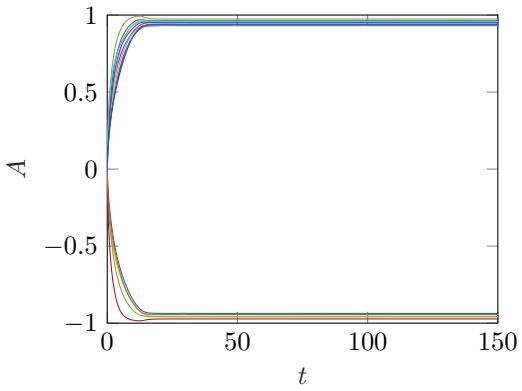


2.6 sim 4.108

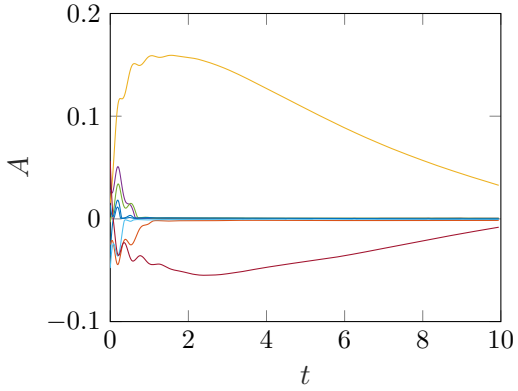
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$7.6877E-05$	00 : 18 : 01	150.00	3273	4.108

A	Nz	η	m	n	σ
1	15	15	130	512	0.0020

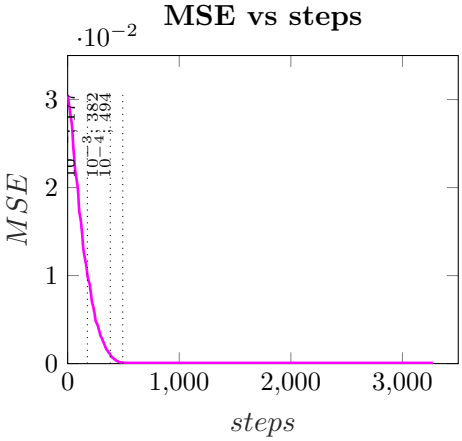
characteristics time(NZc)



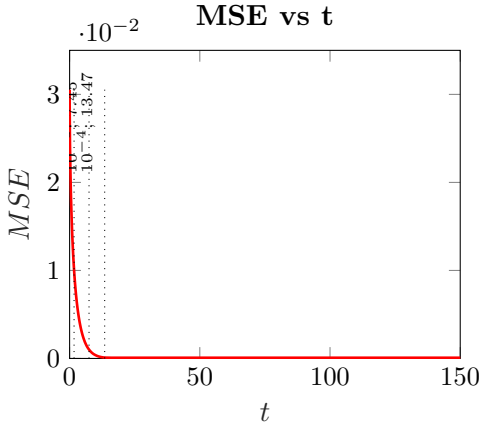
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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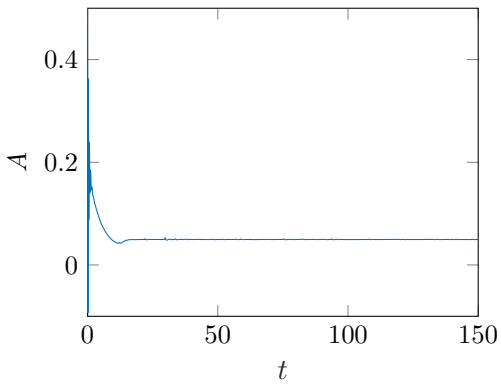
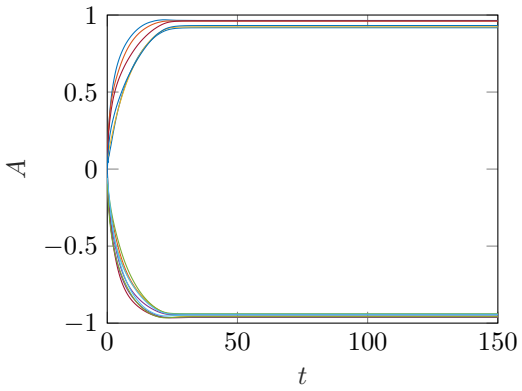


2.7 sim 4.109

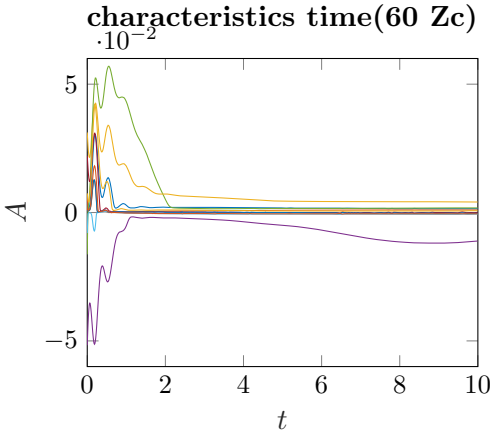
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$8.5988E-05$	00 : 15 : 18	150.00	2806	4.109

A	Nz	η	m	n	σ
1	15	15	140	512	0.0020

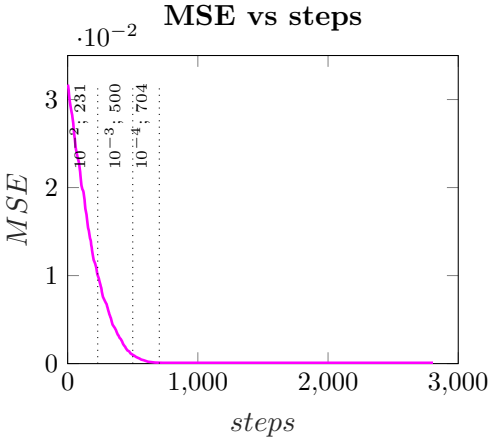
characteristics time(NZc)



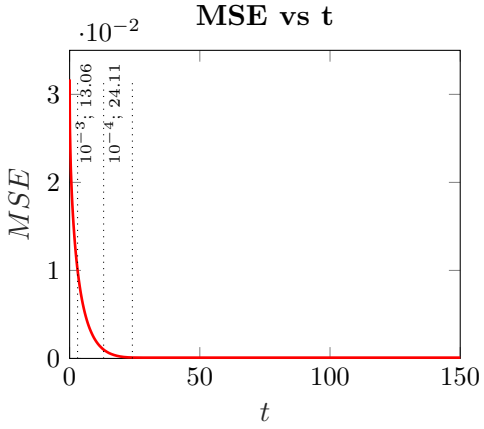
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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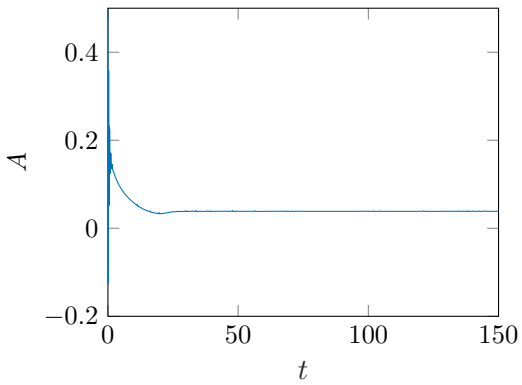
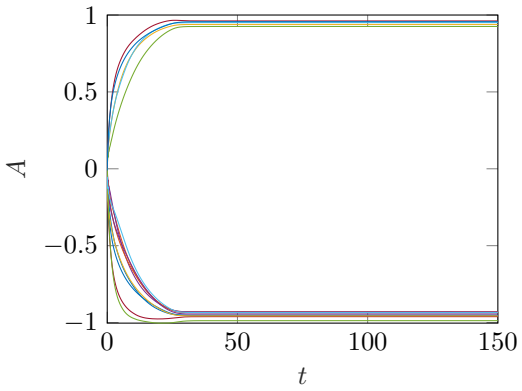


2.8 sim 4.110

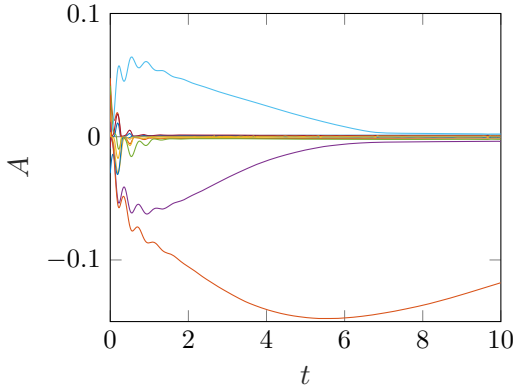
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$8.6879E-05$	00 : 13 : 45	150.00	2475	4.110

A	Nz	η	m	n	σ
1	15	15	150	512	0.0020

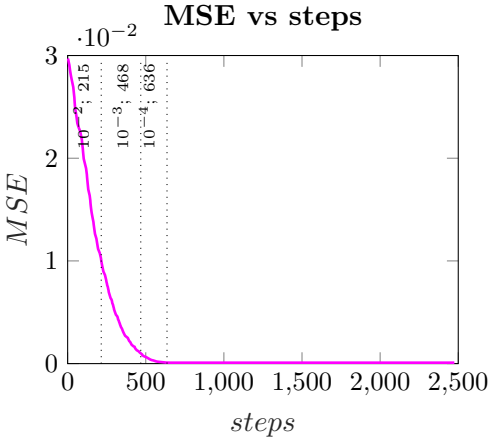
characteristics time(NZc)



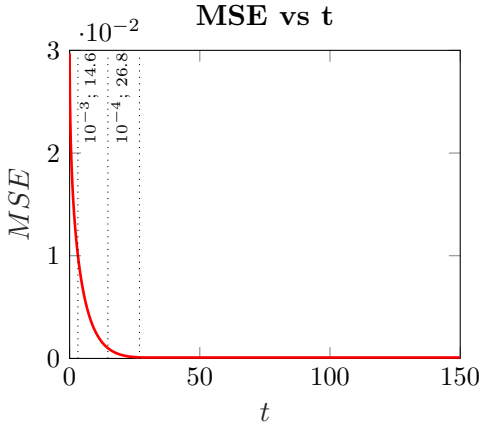
characteristics time(60 Zc)



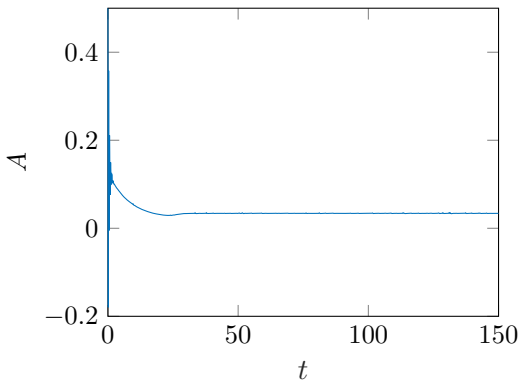
MSE vs steps



MSE vs t



λ

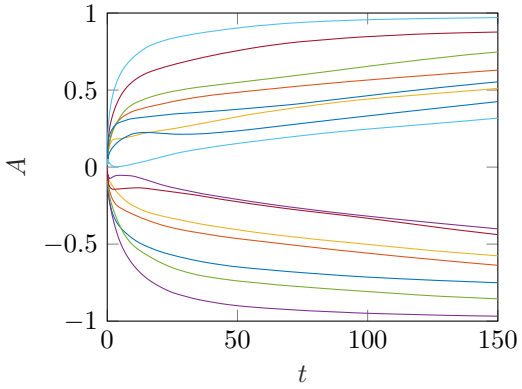


2.9 sim 4.99

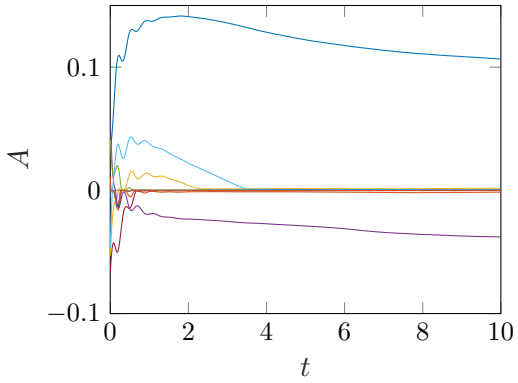
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$6.3381E-03$	00 : 23 : 31	150.00	4395	4.99

A	Nz	η	m	n	σ
1	15	15	80	512	0.0020

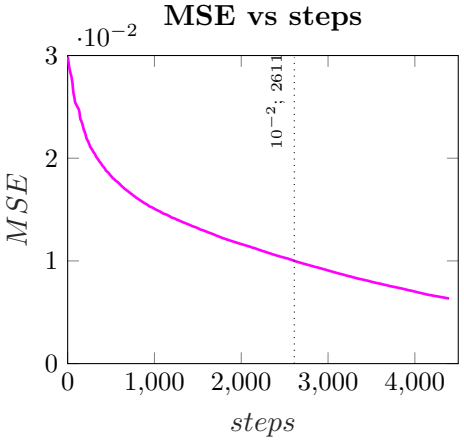
characteristics time(NZc)



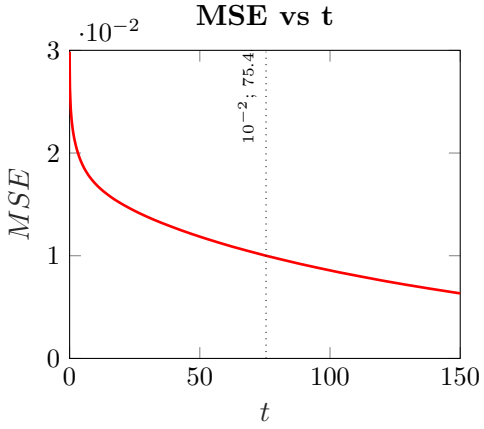
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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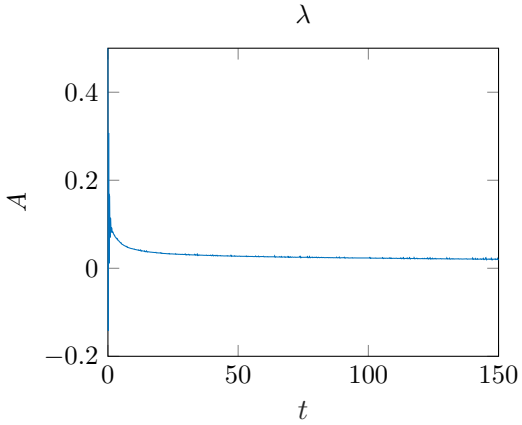
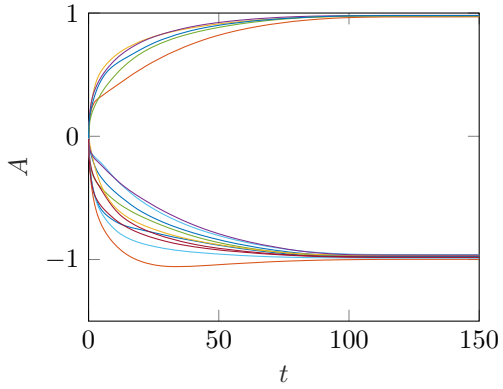


2.10 sim 4.100

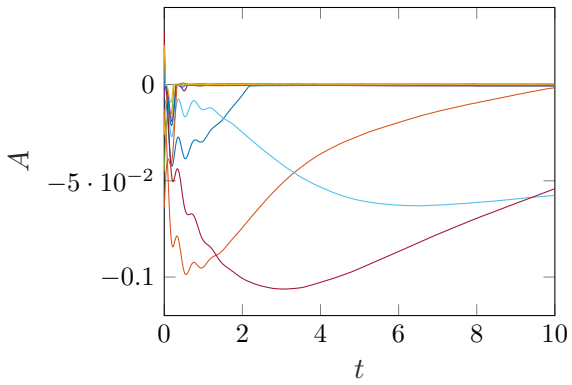
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.9443E-05$	00 : 21 : 23	150.00	3948	4.100

A	Nz	η	m	n	σ
1	15	15	90	512	0.0020

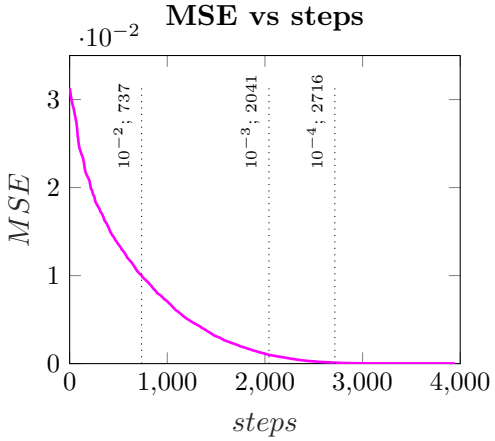
characteristics time(NZc)



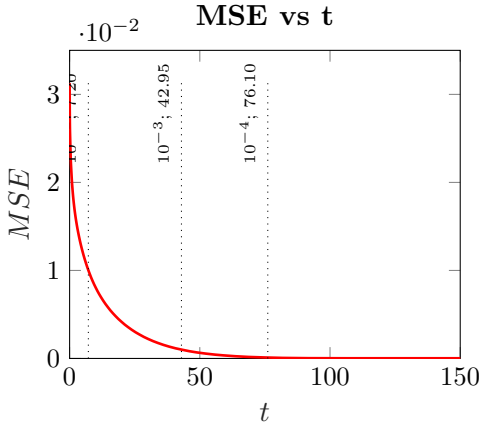
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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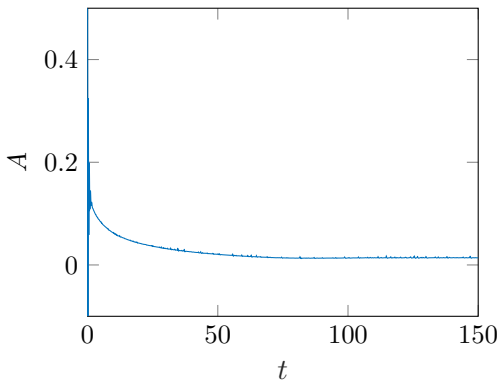
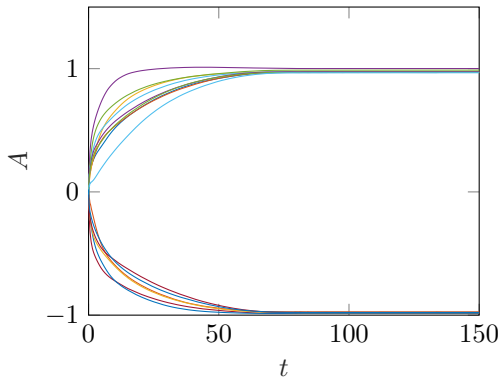


2.11 sim 4.93

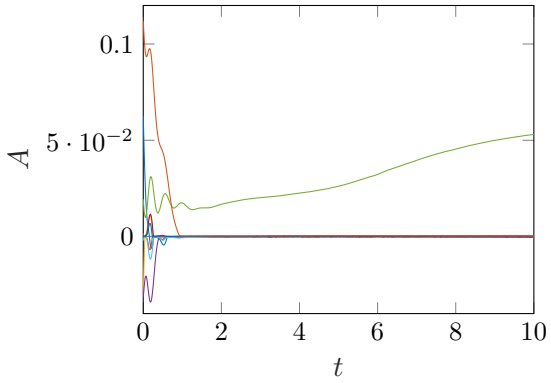
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.6833E-05$	00 : 21 : 48	150.00	4050	4.93

A	Nz	η	m	n	σ
1	15	15	100	512	0.0020

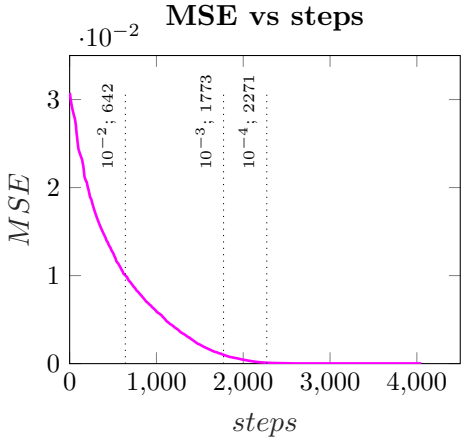
characteristics time(NZc)



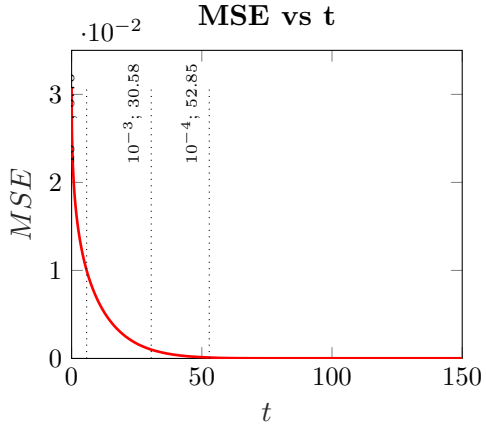
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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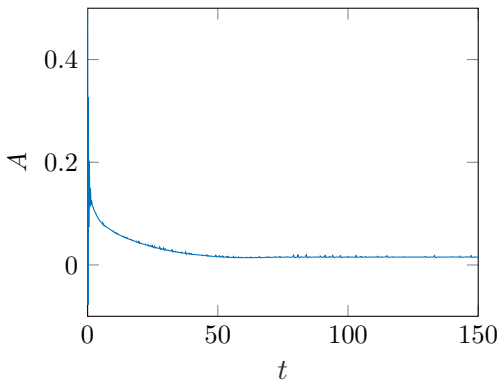
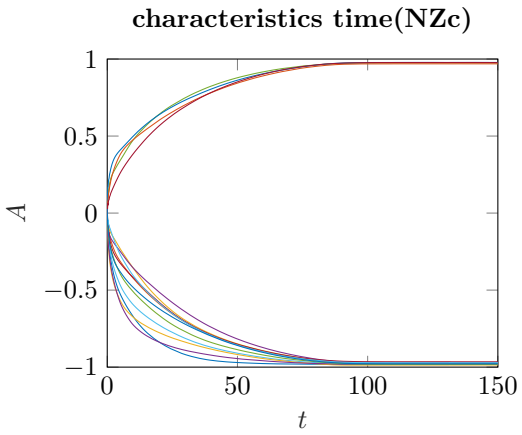
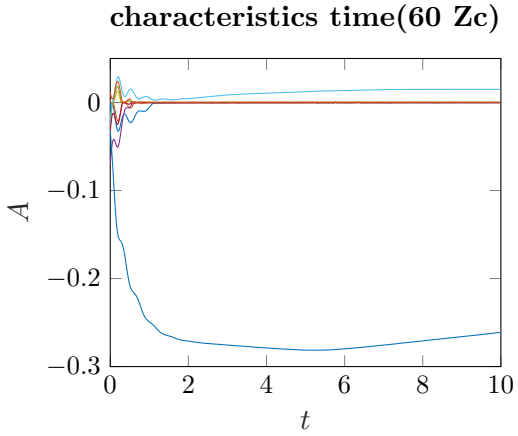


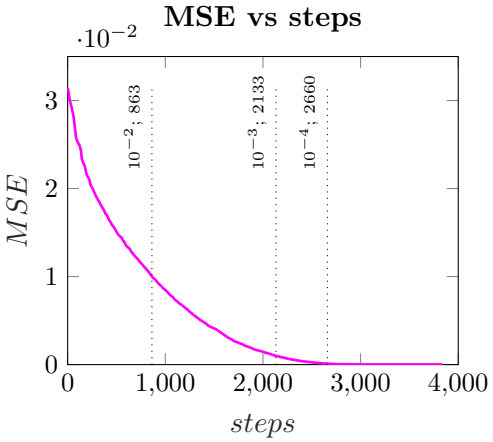
2.12 sim 4.94

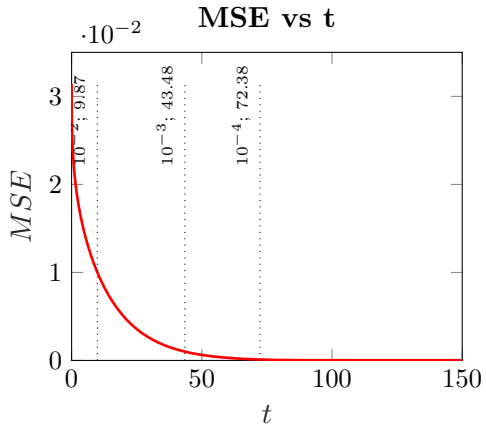
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.8925E-05$	00 : 20 : 35	150.00	3837	4.94

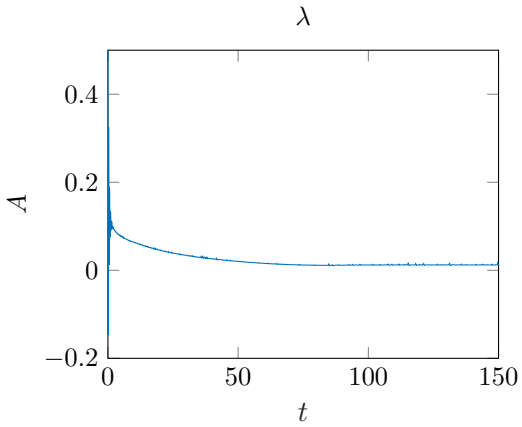
A	Nz	η	m	n	σ
1	15	15	110	512	0.0020









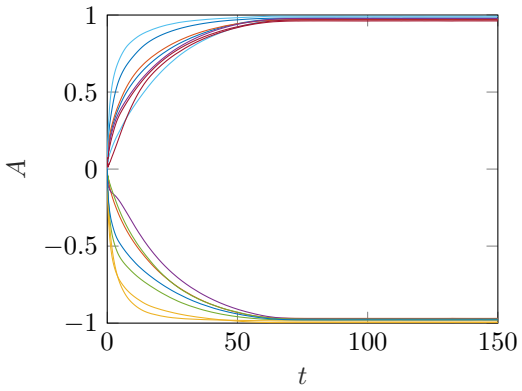


2.13 sim 4.95

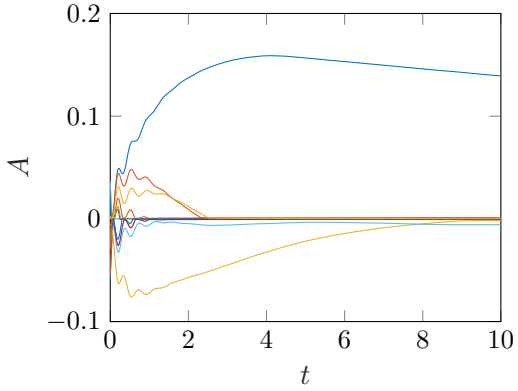
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.8544E-05$	00 : 18 : 33	150.00	3441	4.95

A	Nz	η	m	n	σ
1	15	15	120	512	0.0020

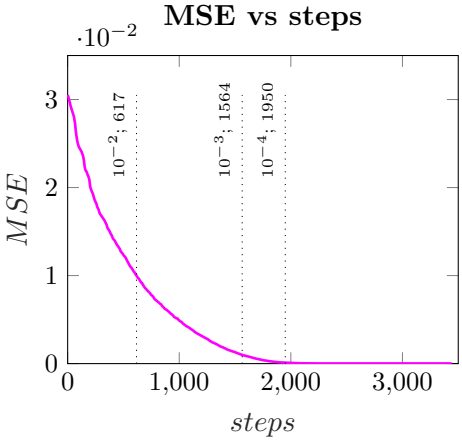
characteristics time(NZc)



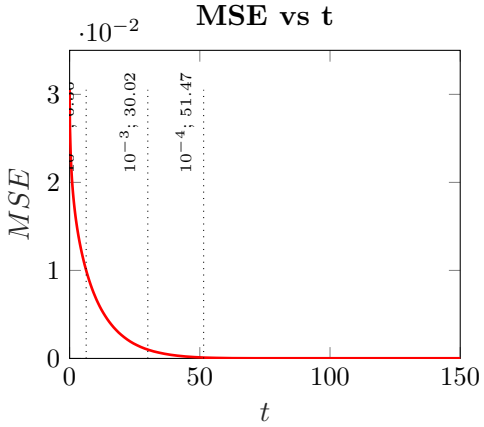
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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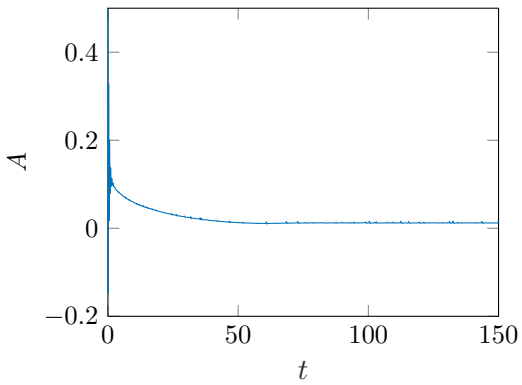
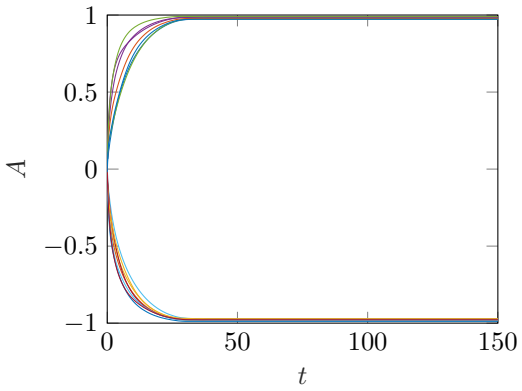


2.14 sim 4.96

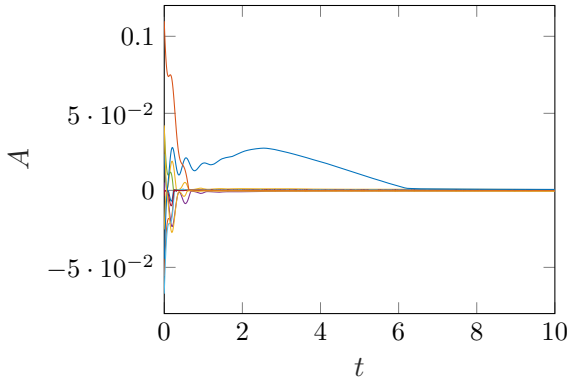
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.4123E-05$	00 : 16 : 55	150.00	3099	4.96

A	Nz	η	m	n	σ
1	15	15	130	512	0.0020

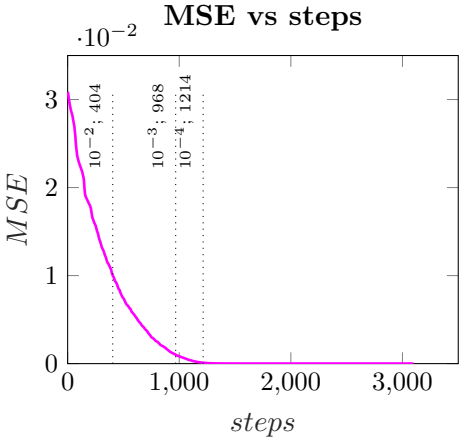
characteristics time(NZc)



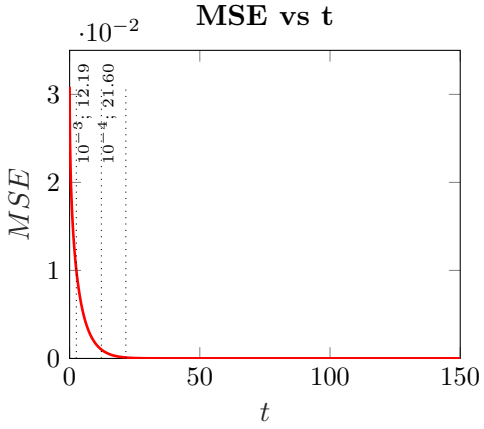
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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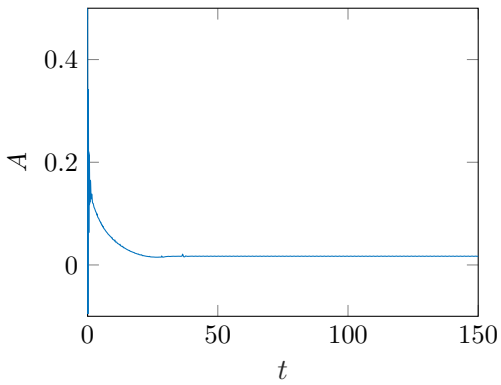
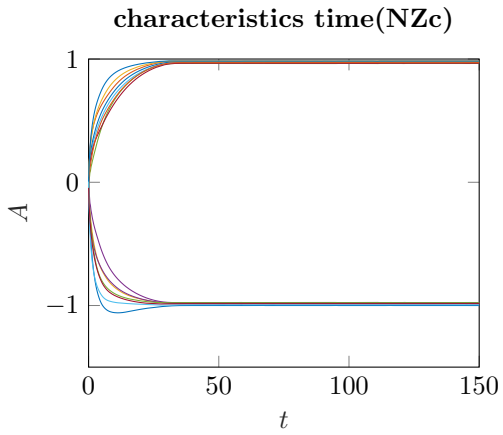
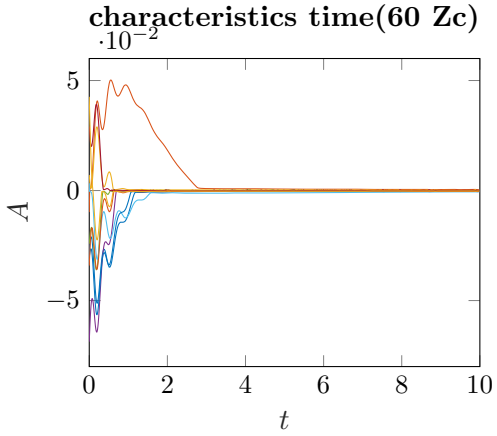


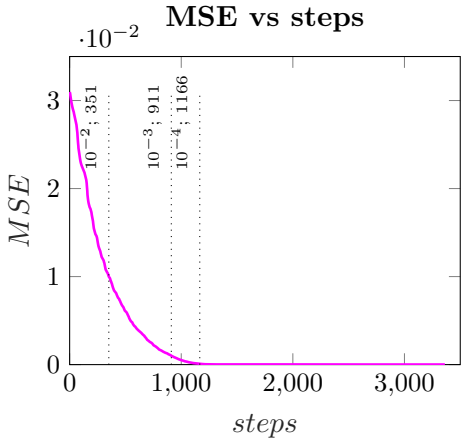
2.15 sim 4.97

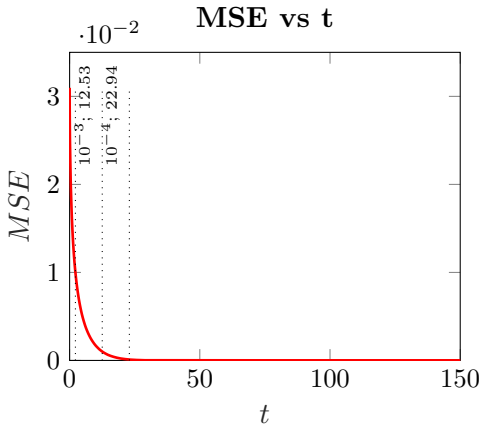
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.4605E-05$	00 : 18 : 08	150.00	3362	4.97

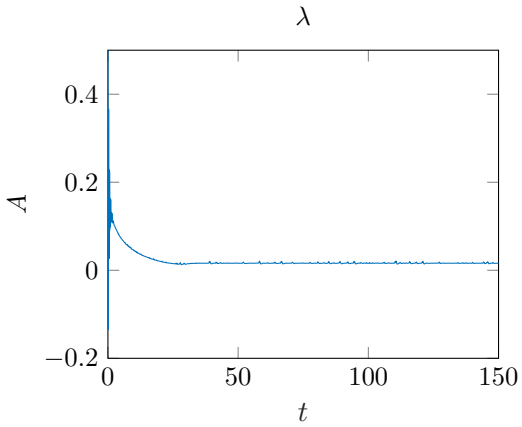
A	Nz	η	m	n	σ
1	15	15	140	512	0.0020









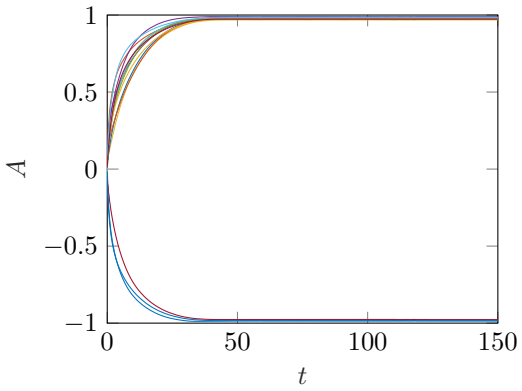


2.16 sim 4.98

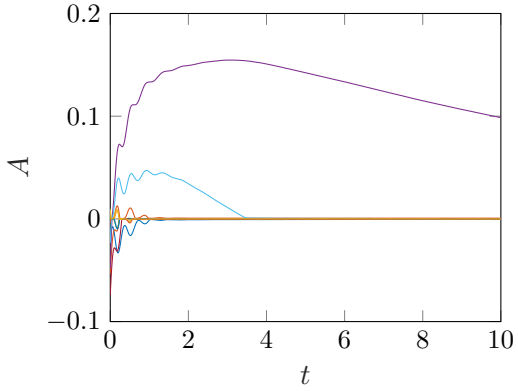
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.3805E-05$	00 : 16 : 58	150.00	3145	4.98

A	Nz	η	m	n	σ
1	15	15	150	512	0.0020

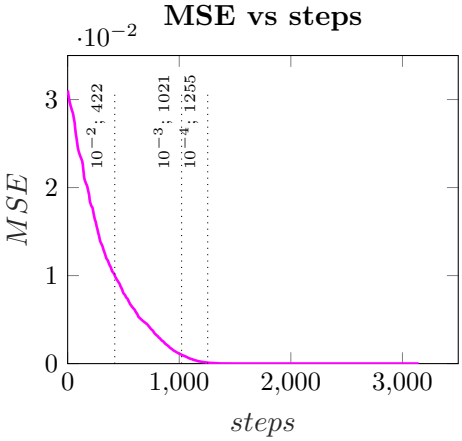
characteristics time(NZc)



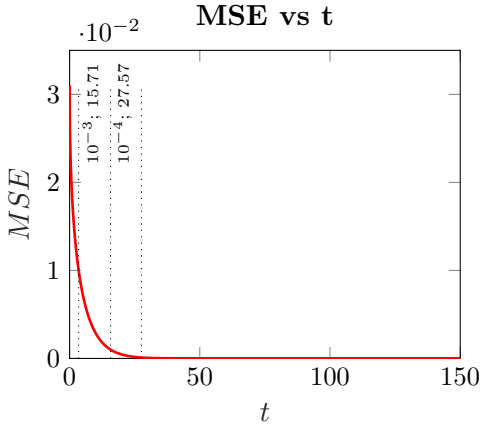
characteristics time(60 Zc)



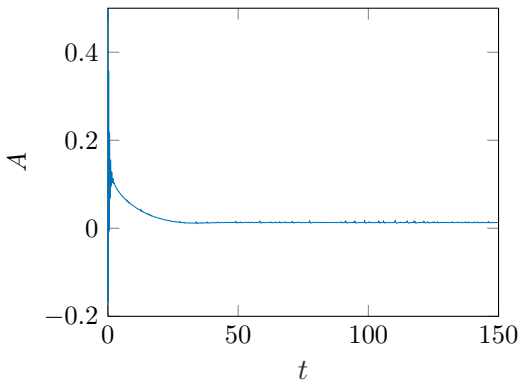
MSE vs steps



MSE vs t



λ

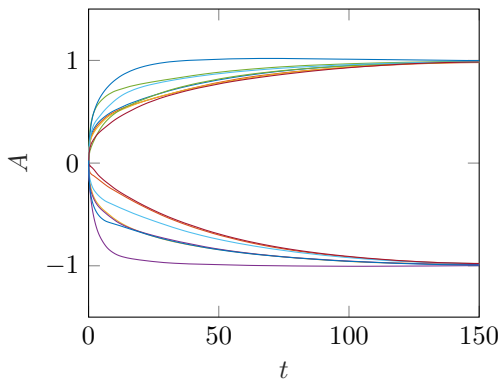


2.17 sim 4.86

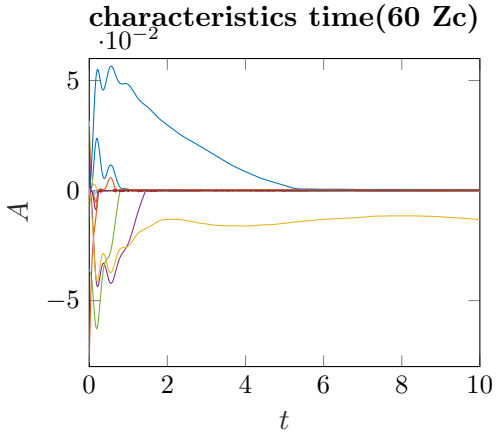
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$7.9868E-06$	00 : 41 : 43	150.00	7853	4.86

A	Nz	η	m	n	σ
1	15	15	80	512	0.0020

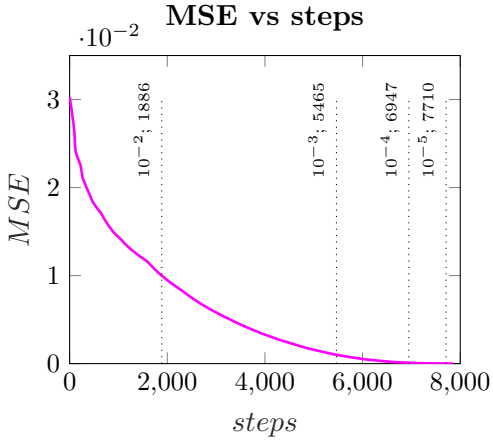
characteristics time(NZc)



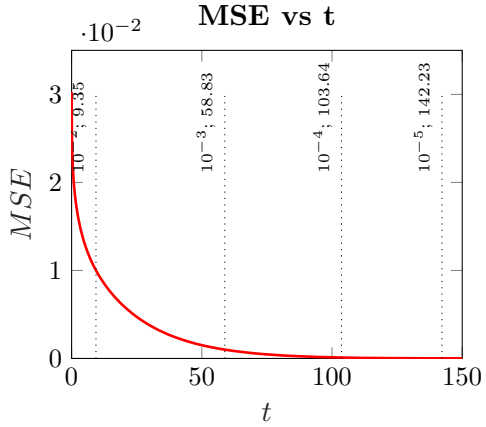
characteristics time(60 Zc)



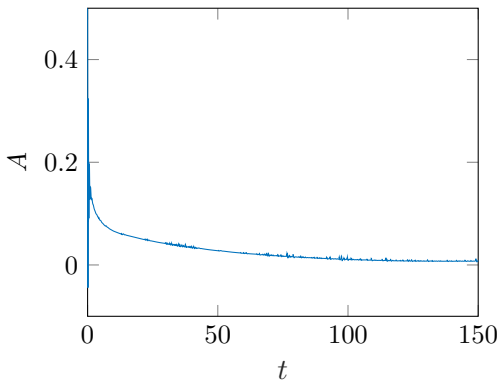
MSE vs steps



MSE vs t



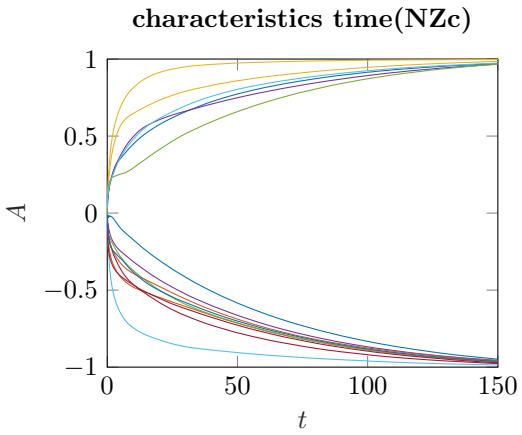
λ

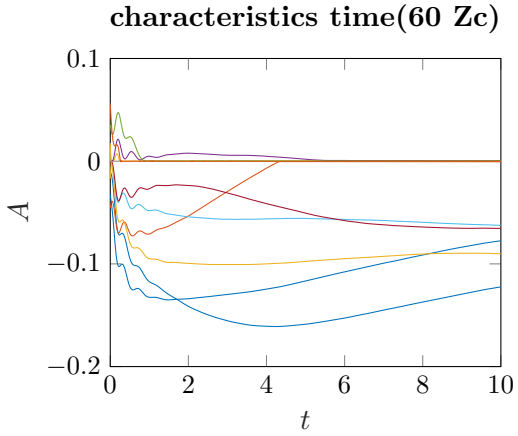


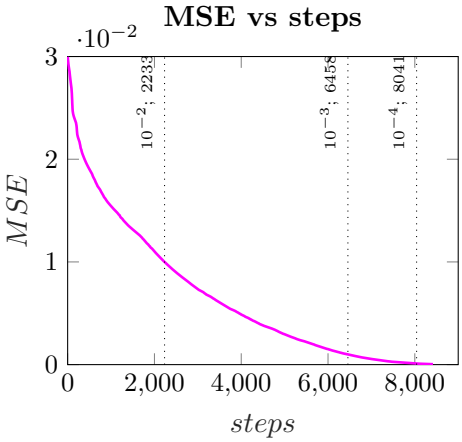
2.18 sim 4.87

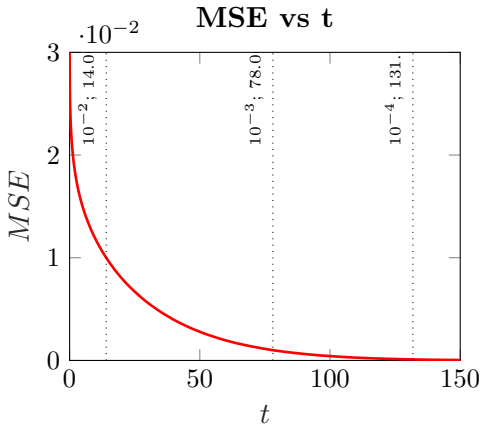
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$3.7710E-05$	00 : 44 : 26	150.00	8418	4.87

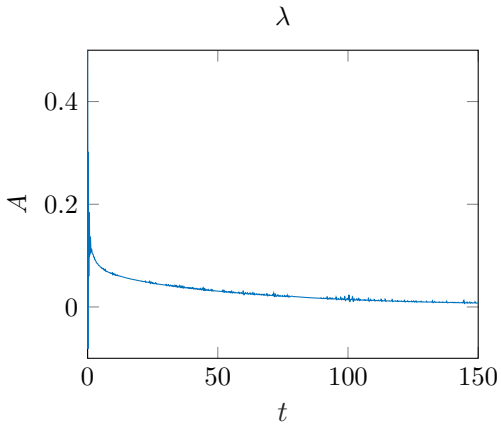
A	Nz	η	m	n	σ
1	15	15	90	512	0.0020









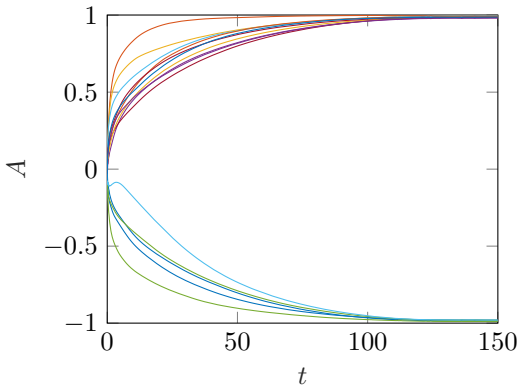


2.19 sim 4.80

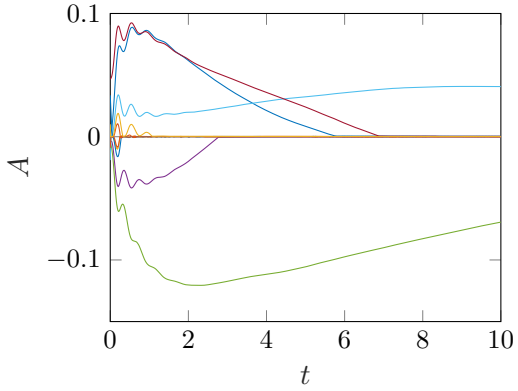
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$6.0672E-06$	00 : 35 : 30	150.00	6630	4.80

A	Nz	η	m	n	σ
1	15	15	100	512	0.0020

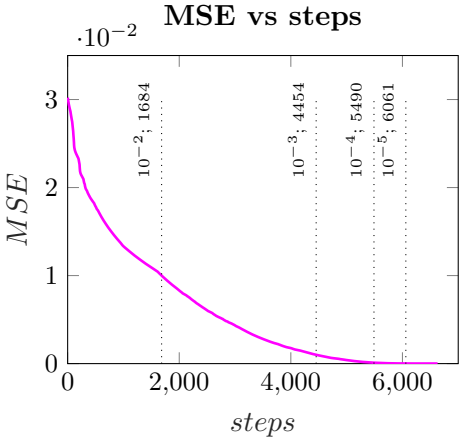
characteristics time(NZc)



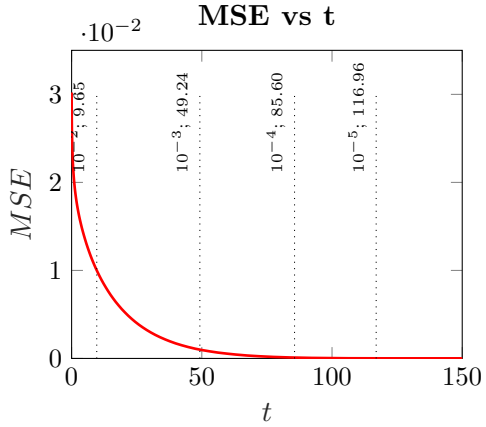
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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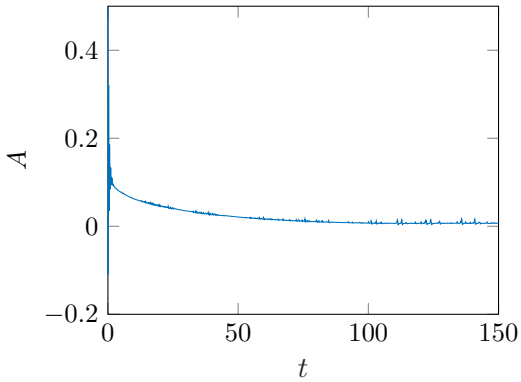
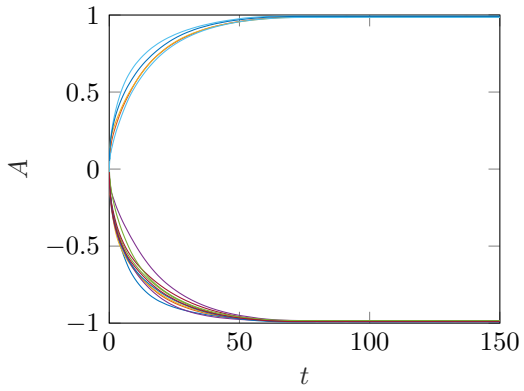


2.20 sim 4.81

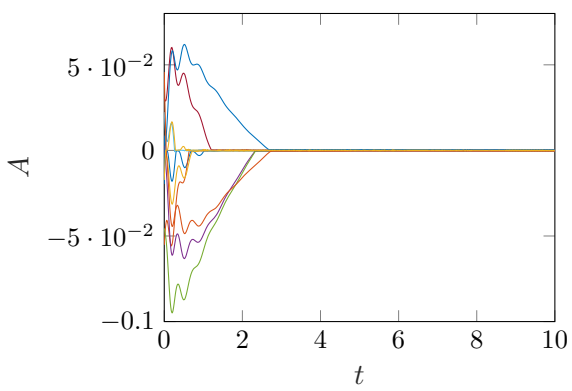
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$4.6313E-06$	00 : 29 : 34	150.00	5576	4.81

A	Nz	η	m	n	σ
1	15	15	110	512	0.0020

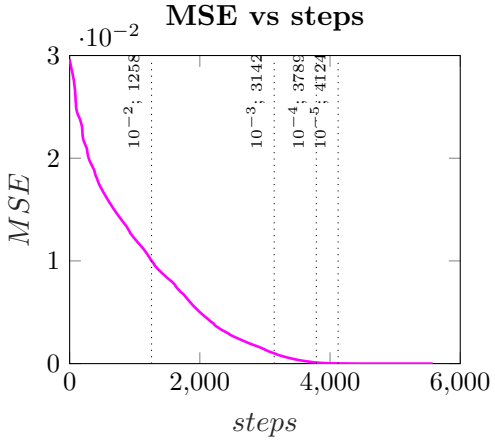
characteristics time(NZc)



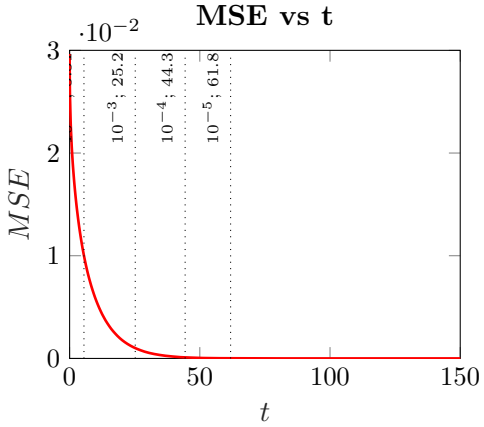
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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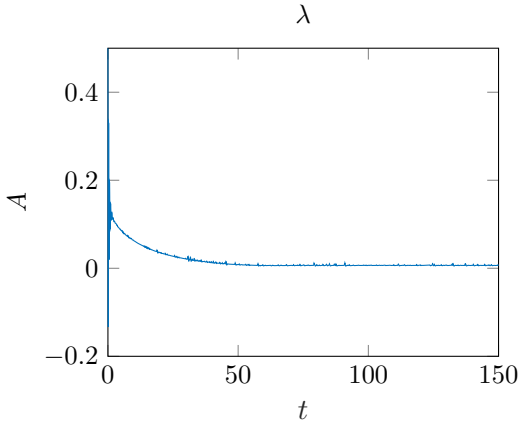
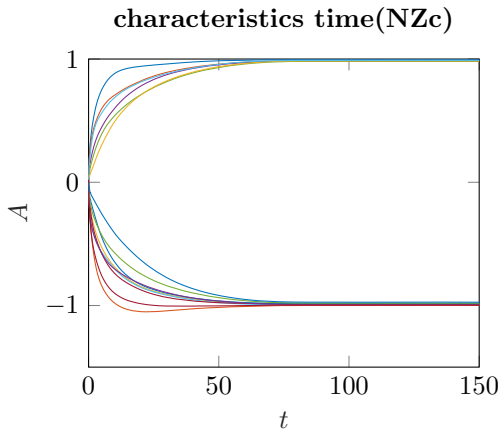
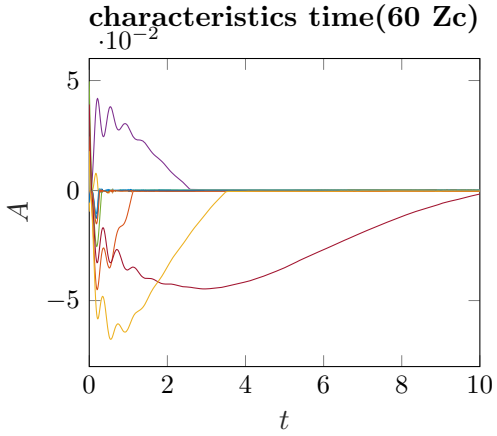


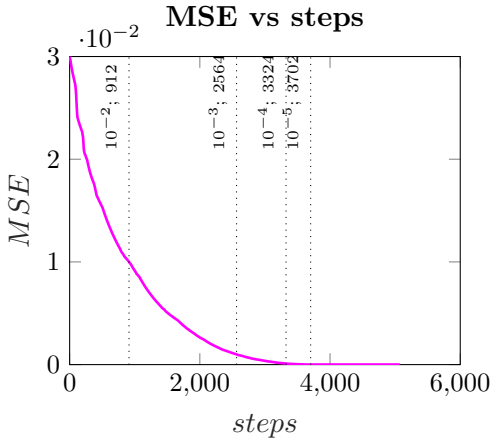
2.21 sim 4.82

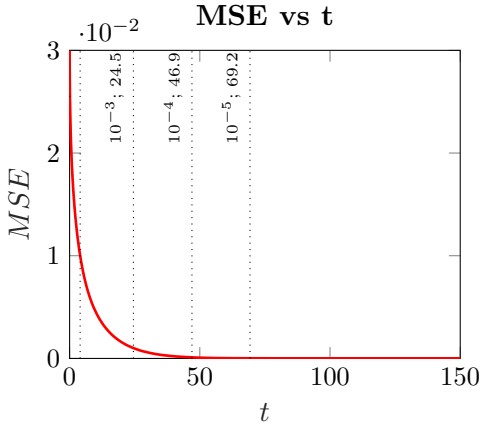
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$5.8835E-06$	00 : 26 : 46	150.00	5070	4.82

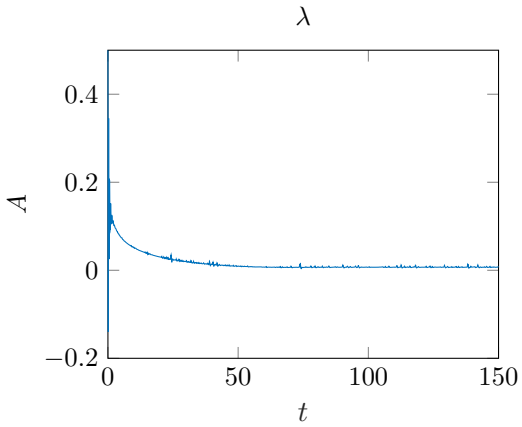
A	Nz	η	m	n	σ
1	15	15	120	512	0.0020









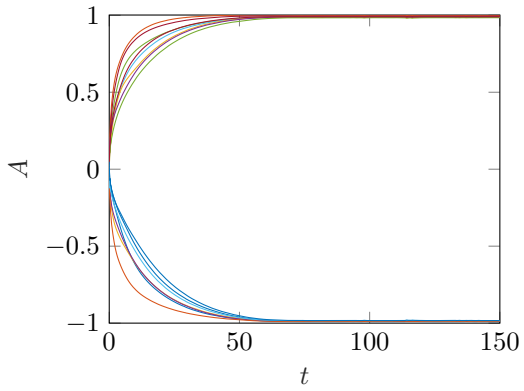


2.22 sim 4.83

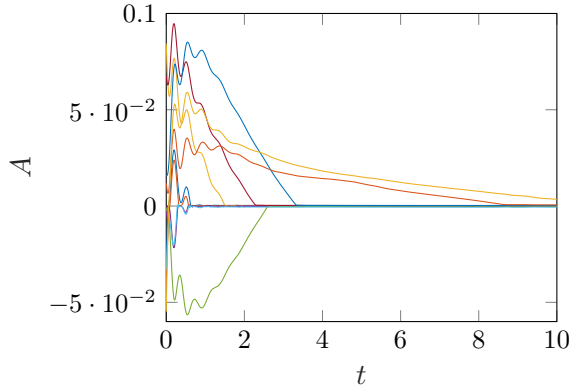
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$4.4053E-06$	00 : 27 : 41	150.00	5241	4.83

A	Nz	η	m	n	σ
1	15	15	130	512	0.0020

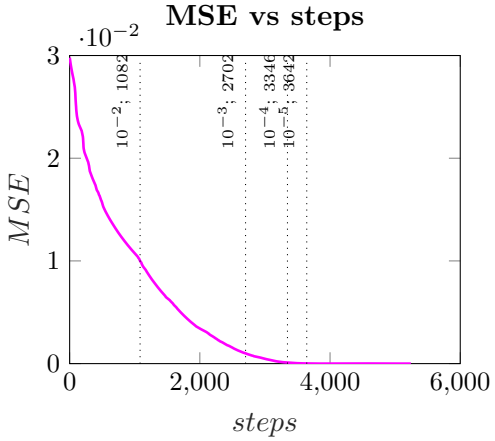
characteristics time(NZc)



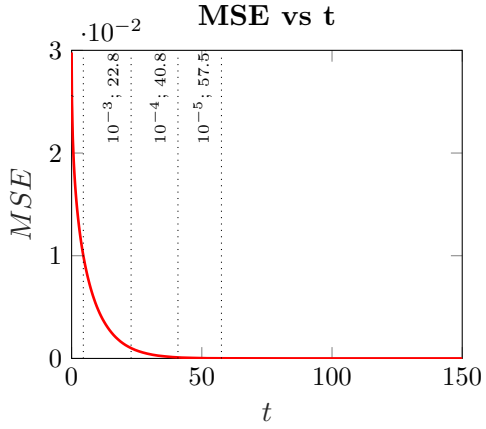
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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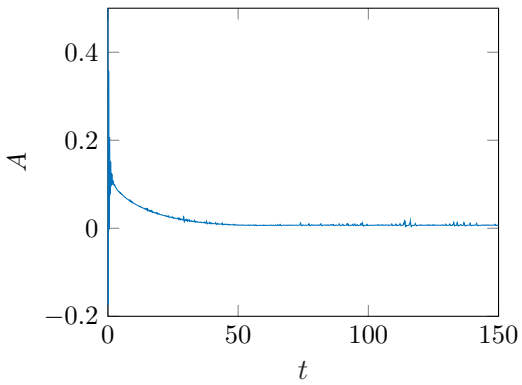
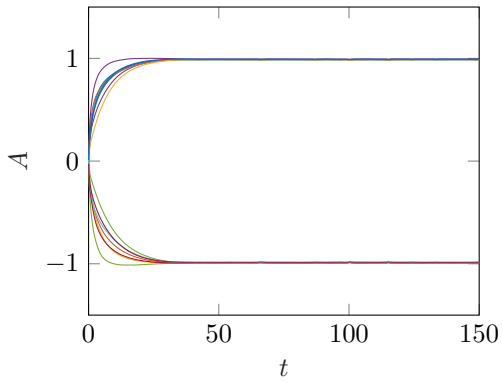


2.23 sim 4.84

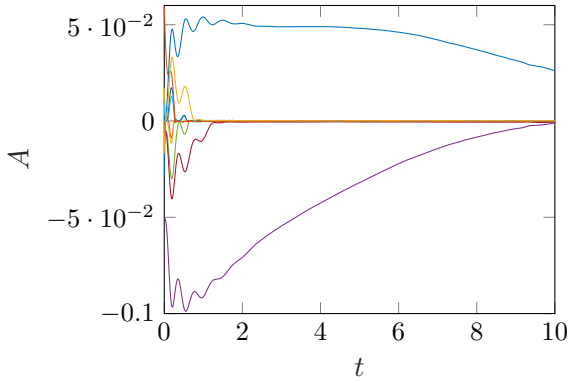
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$4.3967E-06$	00 : 26 : 45	150.00	5023	4.84

A	Nz	η	m	n	σ
1	15	15	140	512	0.0020

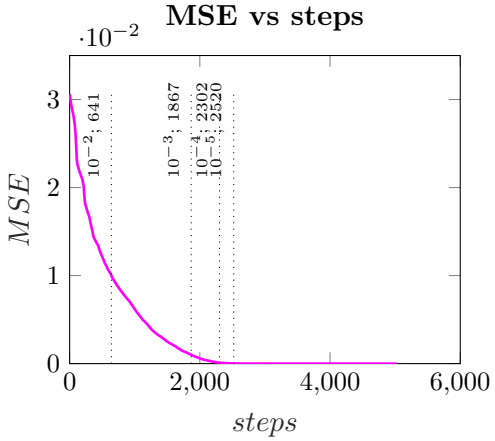
characteristics time(NZc)



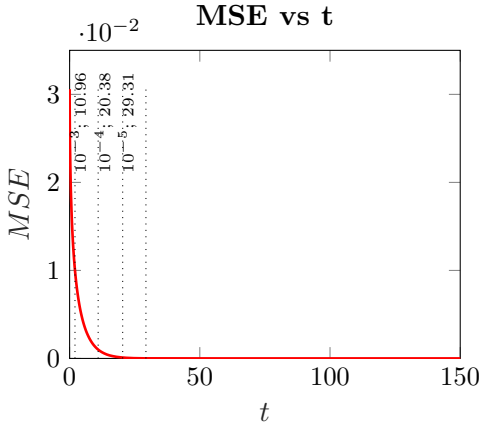
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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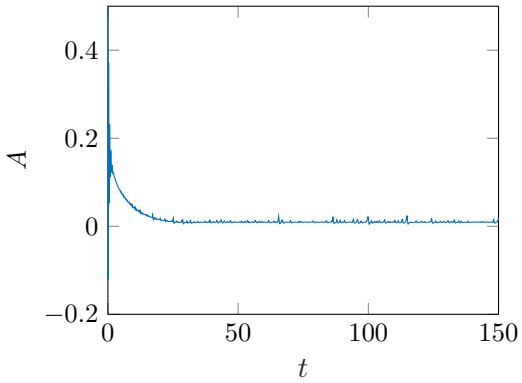
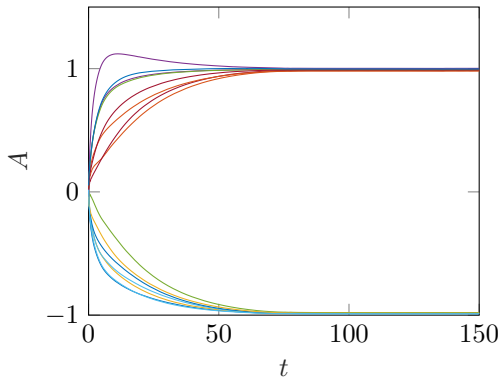


2.24 sim 4.85

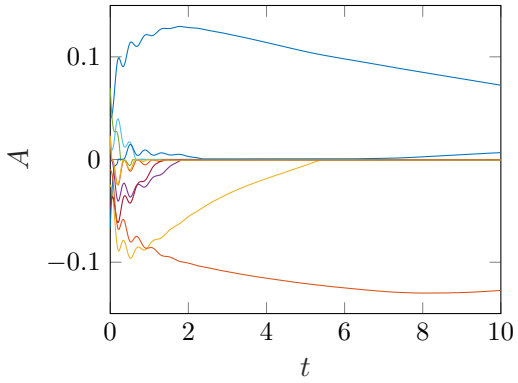
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$5.2360E-06$	00 : 26 : 16	150.00	4941	4.85

A	Nz	η	m	n	σ
1	15	15	150	512	0.0020

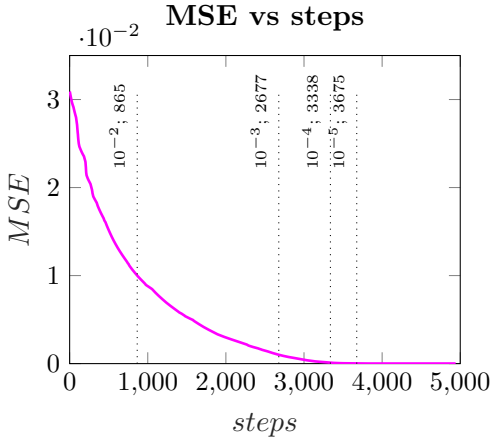
characteristics time(NZc)



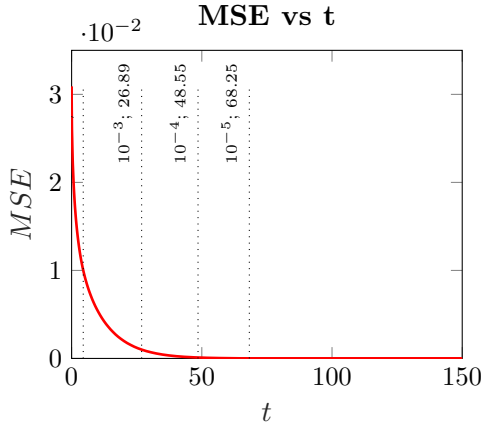
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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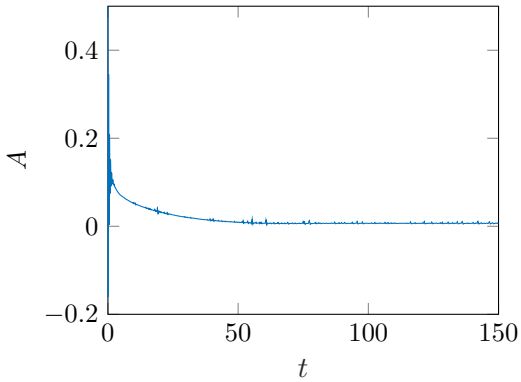
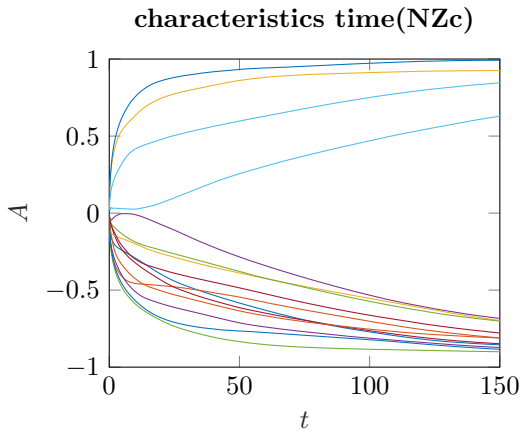
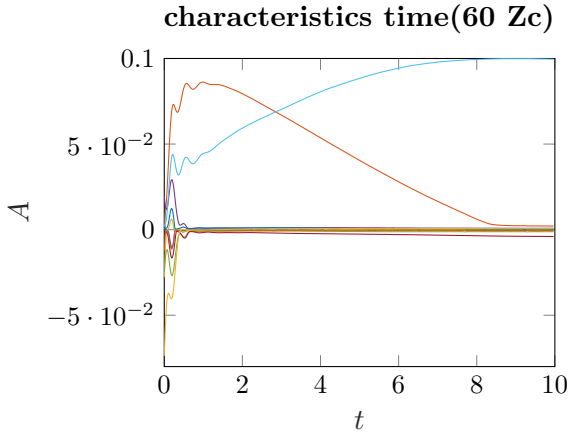


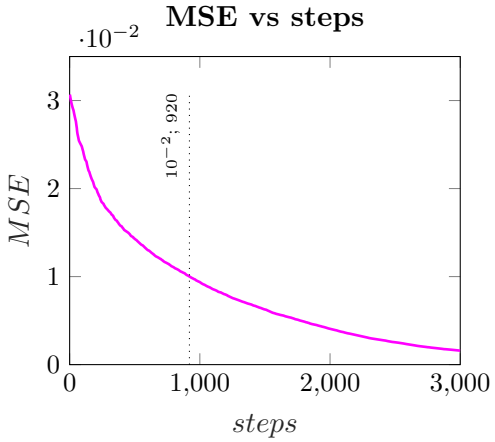
2.25 sim 4.74

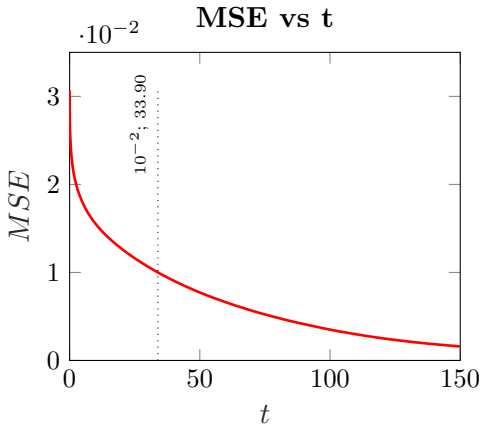
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.5943E-03$	00 : 16 : 57	150.00	2999	4.74

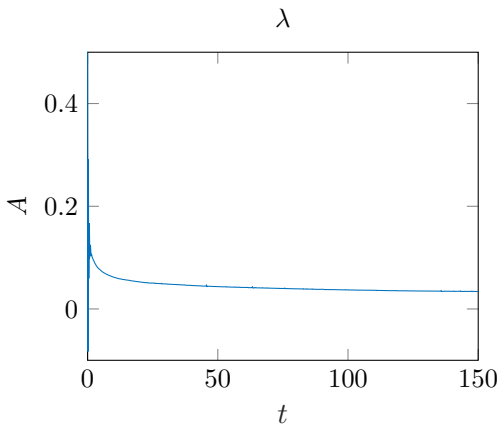
A	Nz	η	m	n	σ
1	15	15	80	512	0.0200









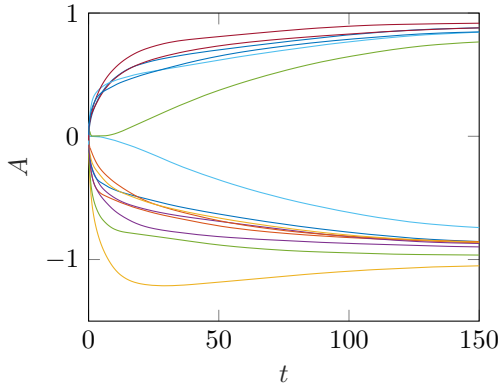


2.26 sim 4.75

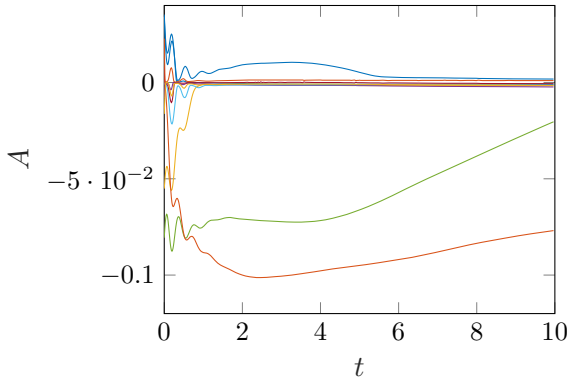
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$7.1687E-04$	00 : 15 : 14	150.00	2739	4.75

A	Nz	η	m	n	σ
1	15	15	90	512	0.0200

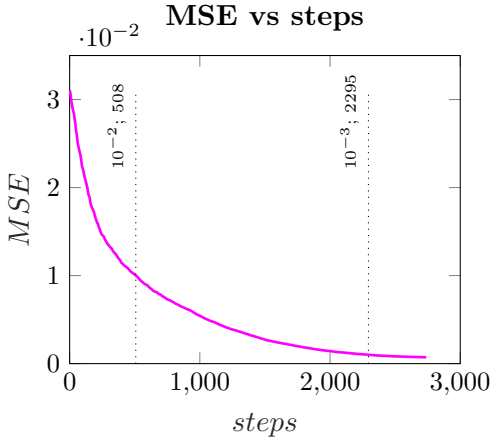
characteristics time(NZc)



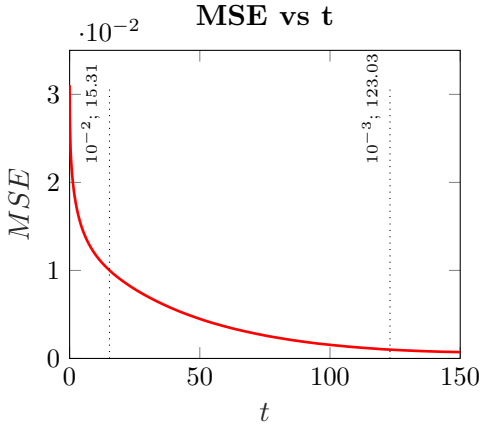
characteristics time(60 Zc)



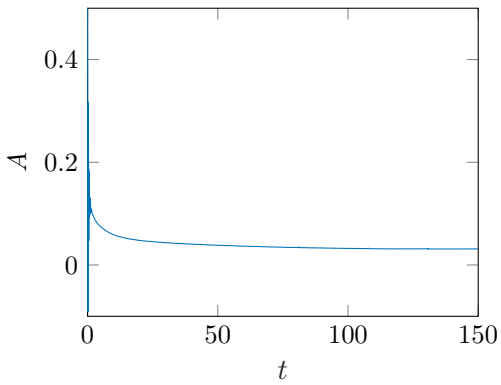
MSE vs steps



MSE vs t



λ

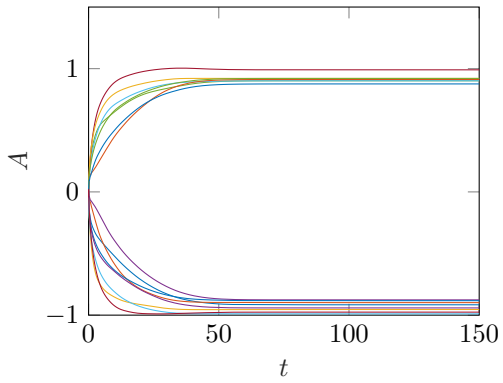


2.27 sim 4.68

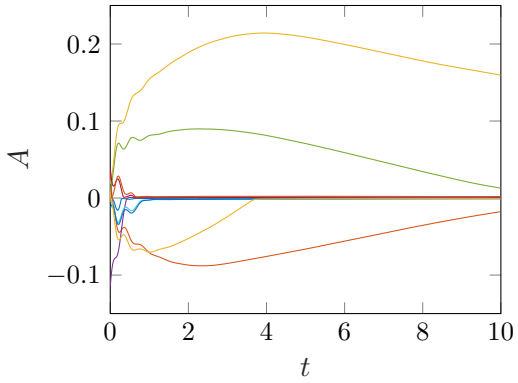
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.3504E-04$	00 : 17 : 40	150.00	3144	4.68

A	Nz	η	m	n	σ
1	15	15	100	512	0.0200

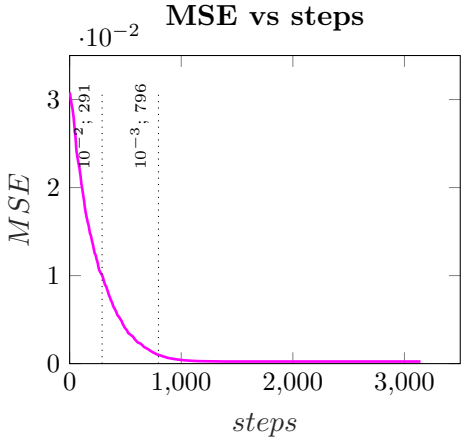
characteristics time(NZc)



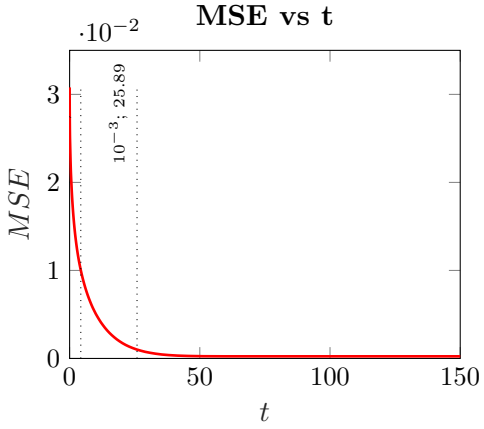
characteristics time(60 Zc)



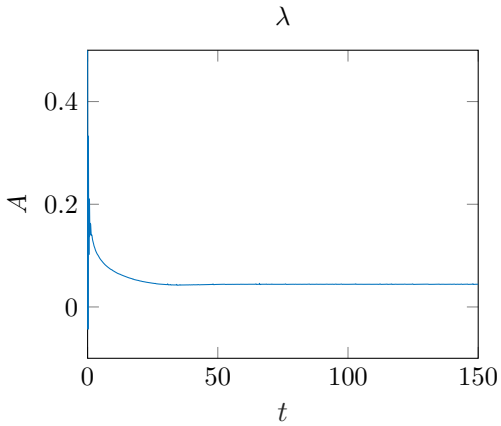
MSE vs steps



MSE vs t



λ

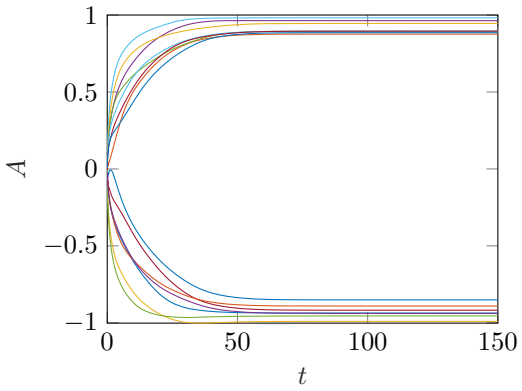


2.28 sim 4.69

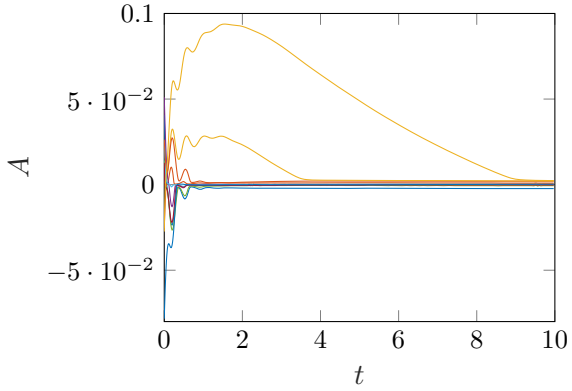
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.5102E-04$	00 : 17 : 13	150.00	3073	4.69

A	Nz	η	m	n	σ
1	15	15	110	512	0.0200

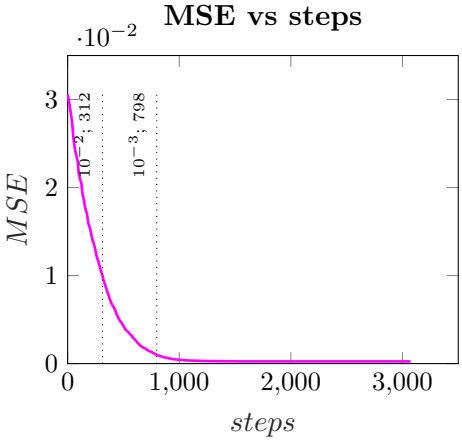
characteristics time(NZc)



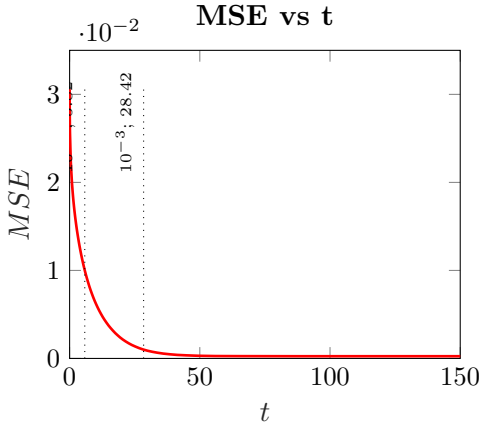
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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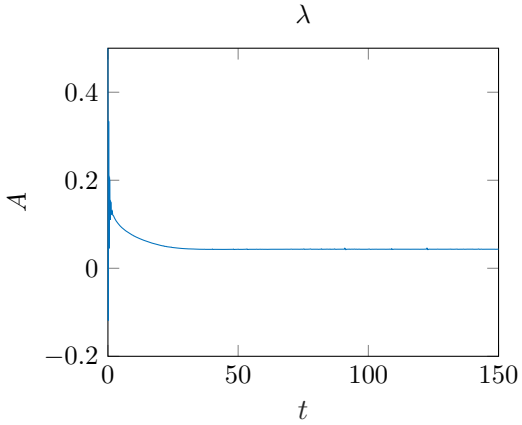
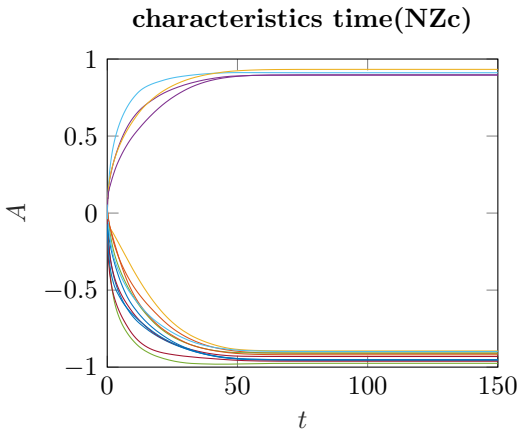
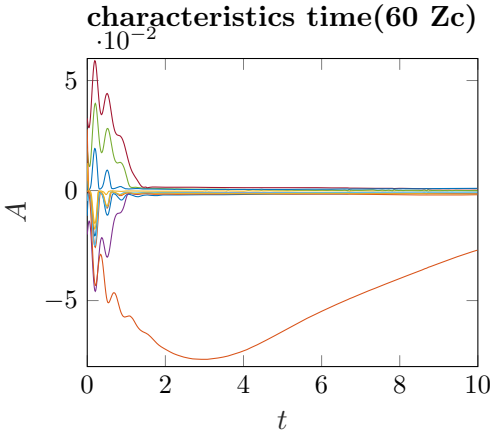


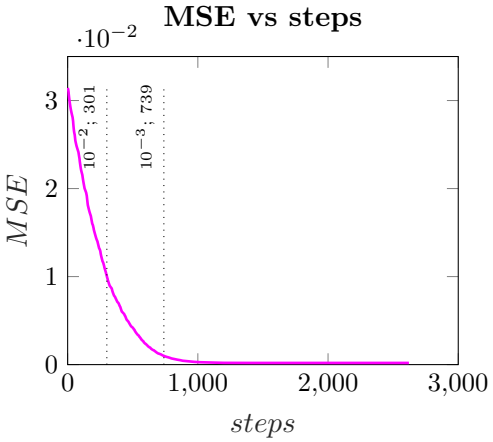
2.29 sim 4.70

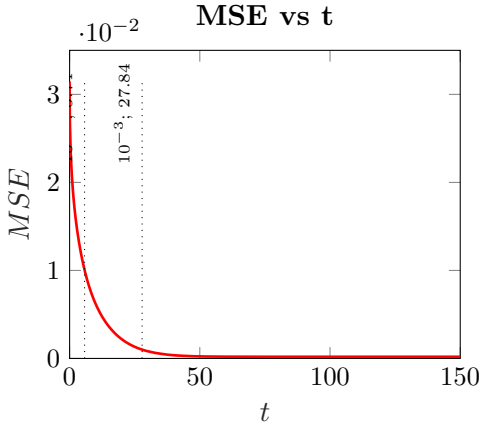
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.9138E-04$	00 : 14 : 37	150.00	2621	4.70

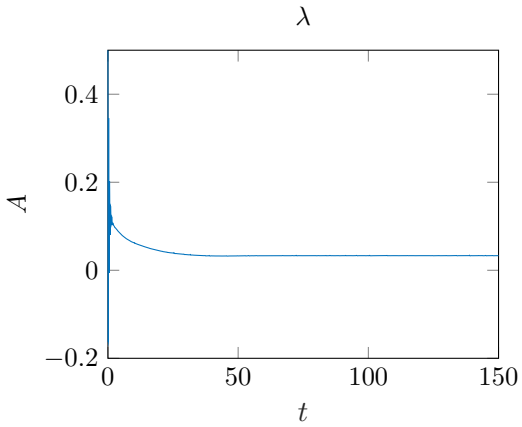
A	Nz	η	m	n	σ
1	15	15	120	512	0.0200







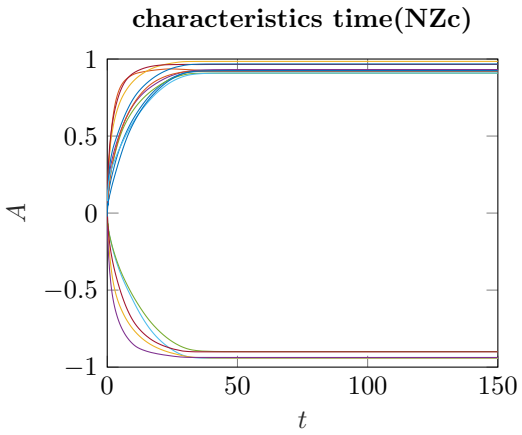


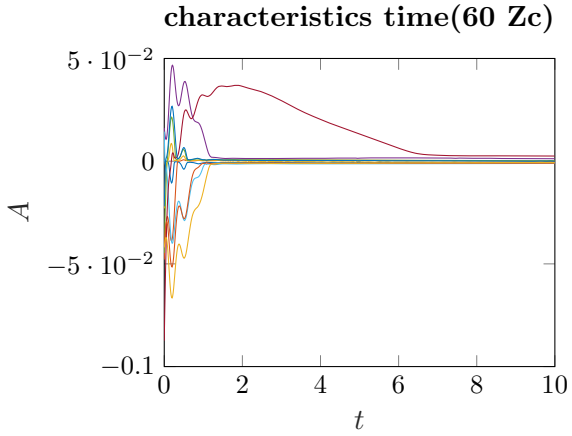


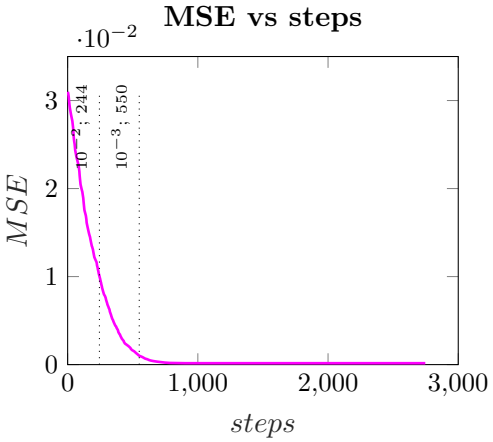
2.30 sim 4.71

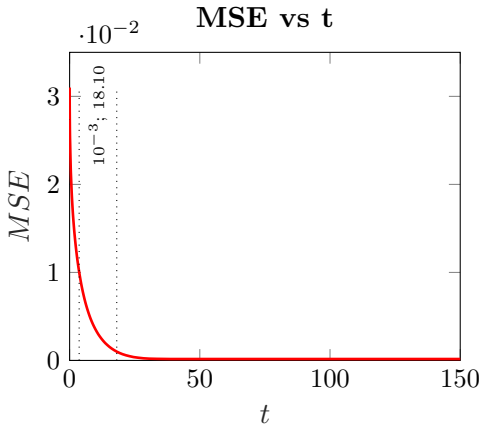
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.6162E-04$	00 : 15 : 27	150.00	2747	4.71

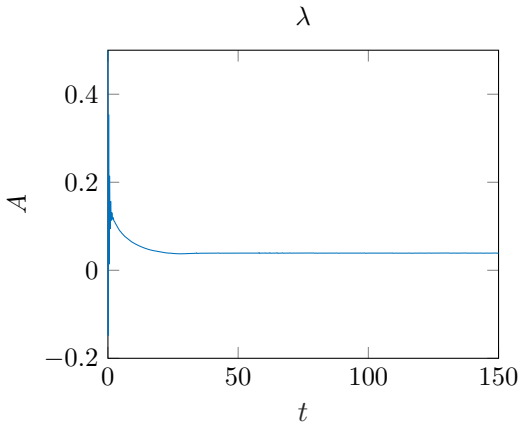
A	Nz	η	m	n	σ
1	15	15	130	512	0.0200







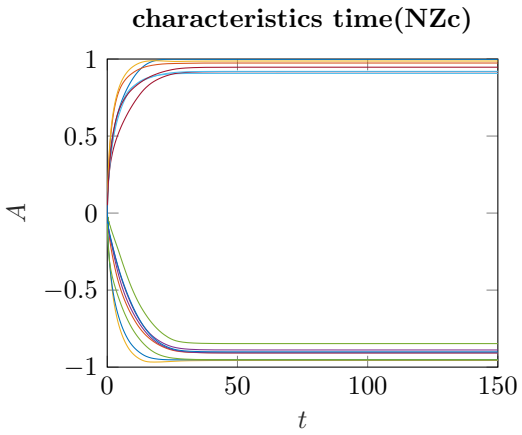


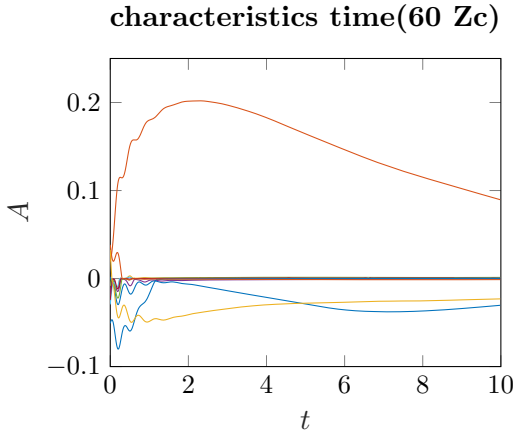


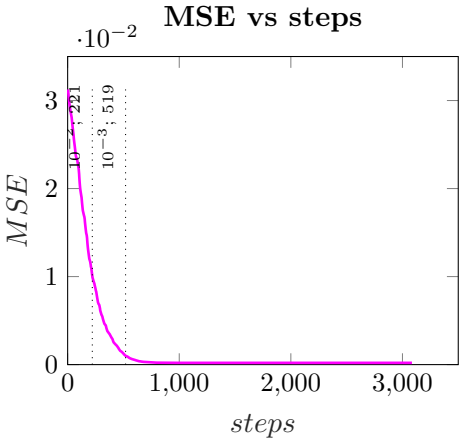
2.31 sim 4.72

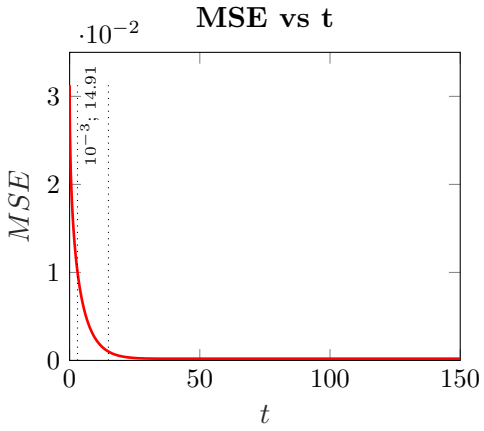
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.9532E-04$	00 : 17 : 08	150.00	3085	4.72

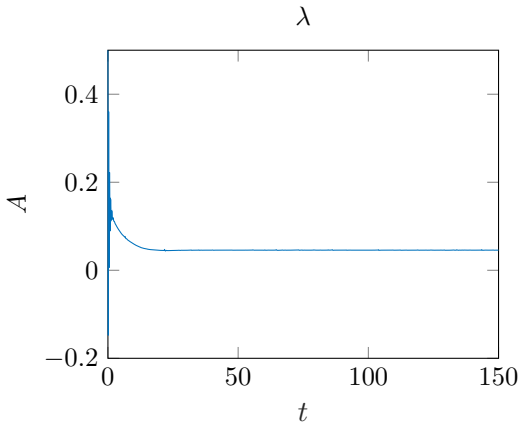
A	Nz	η	m	n	σ
1	15	15	140	512	0.0200







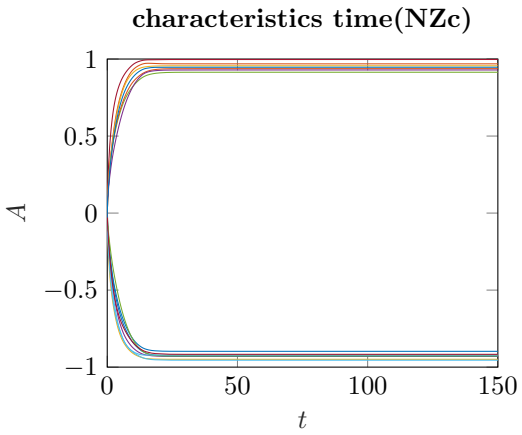


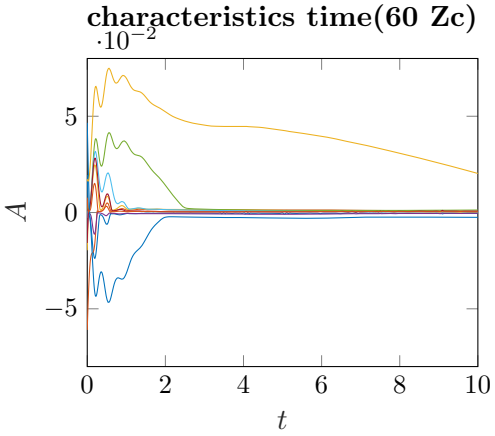


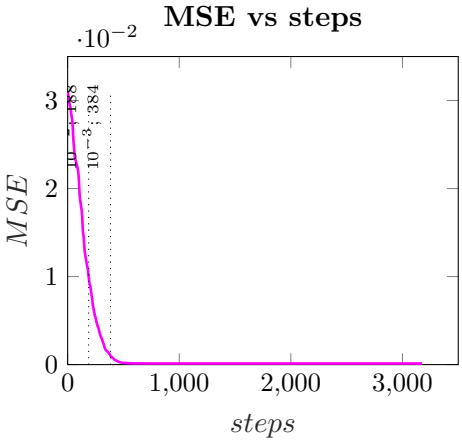
2.32 sim 4.73

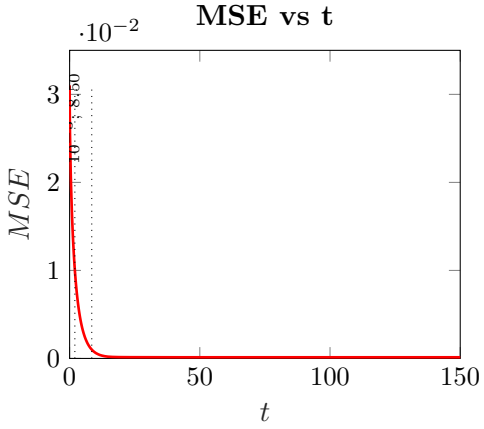
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.3470E-04$	00 : 17 : 44	150.00	3176	4.73

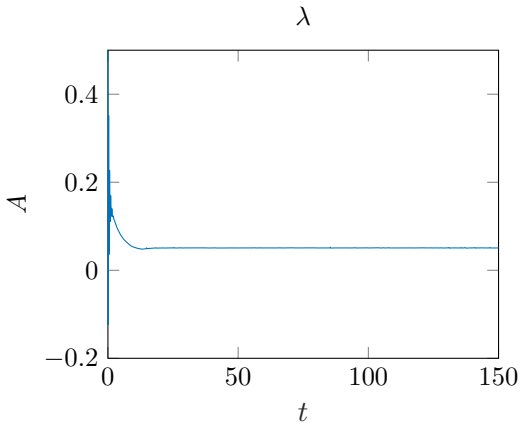
A	Nz	η	m	n	σ
1	15	15	150	512	0.0200









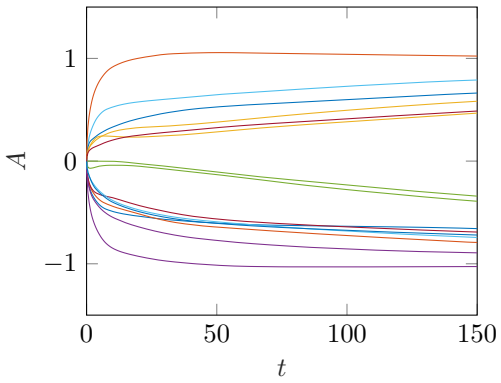


2.33 sim 4.61

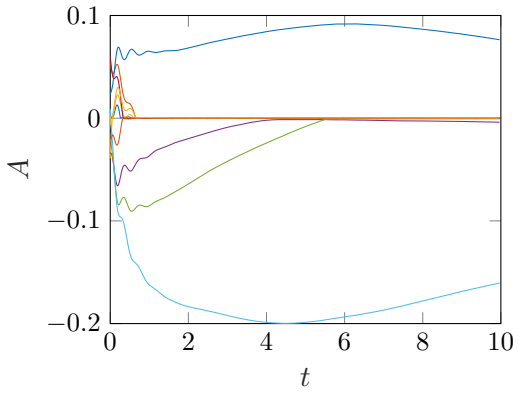
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$5.1712E-03$	00 : 24 : 47	150.00	4467	4.61

A	Nz	η	m	n	σ
1	15	15	80	512	0.0200

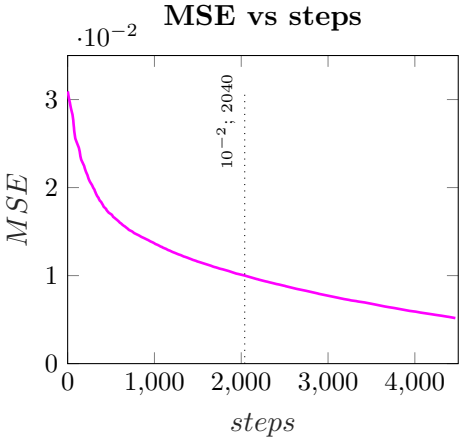
characteristics time(NZc)



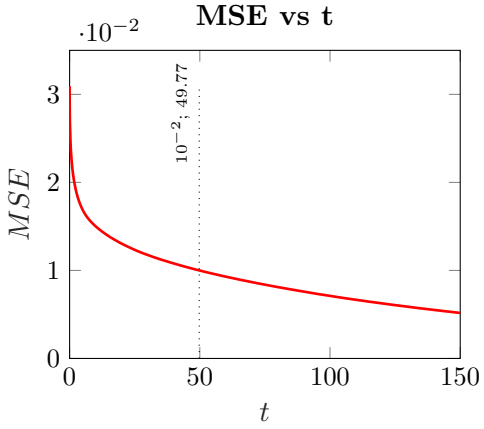
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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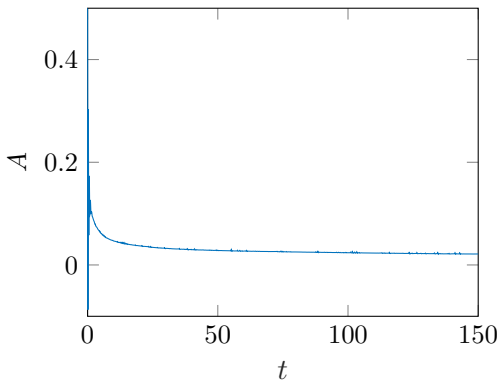
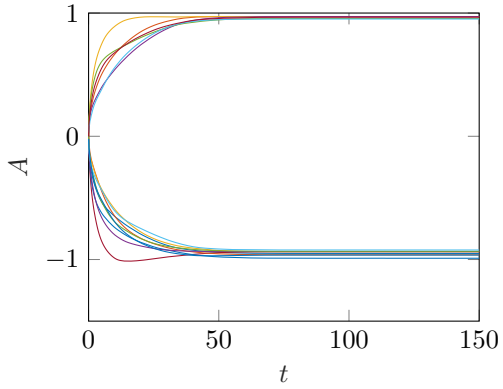


2.34 sim 4.62

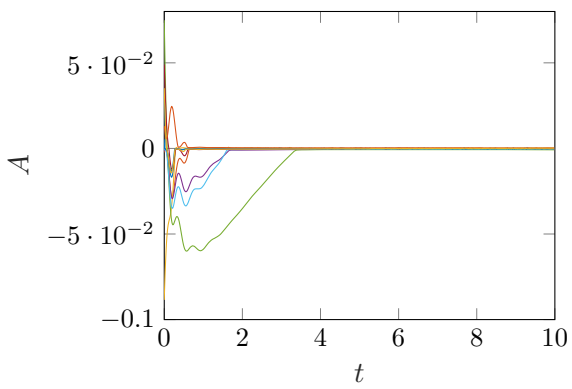
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$8.5080E-05$	00 : 29 : 18	150.00	5340	4.62

A	Nz	η	m	n	σ
1	15	15	90	512	0.0200

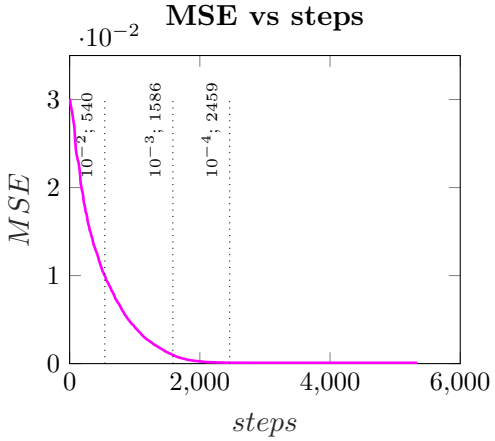
characteristics time(NZc)



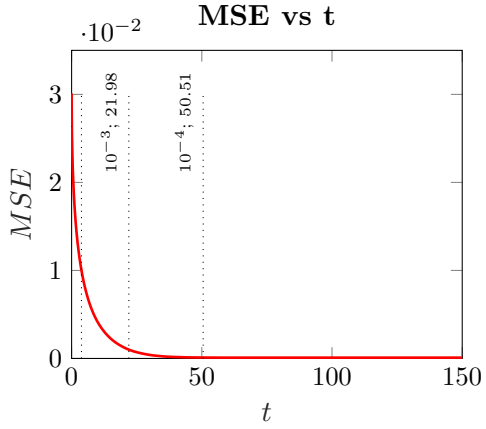
characteristics time(60 Zc)



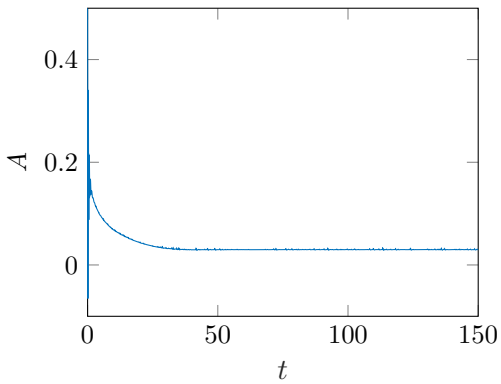
MSE vs steps



MSE vs t



λ

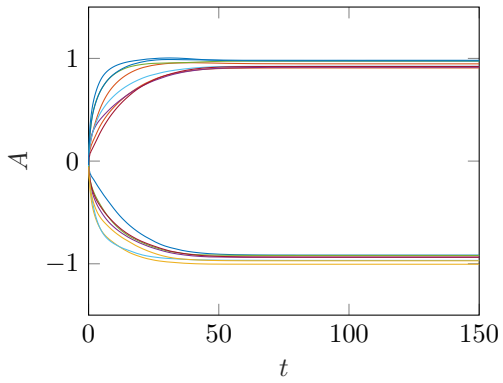


2.35 sim 4.55

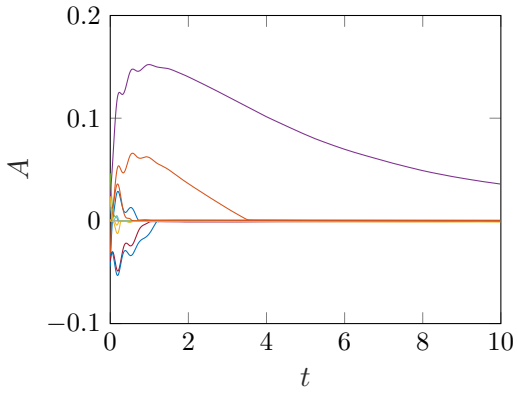
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.3296E-04$	00 : 26 : 33	150.00	4838	4.55

A	Nz	η	m	n	σ
1	15	15	100	512	0.0200

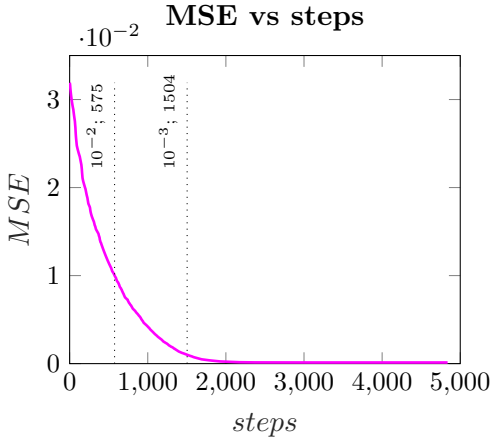
characteristics time(NZc)



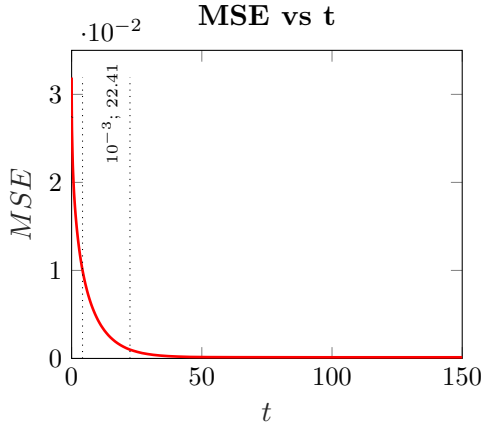
characteristics time(60 Zc)



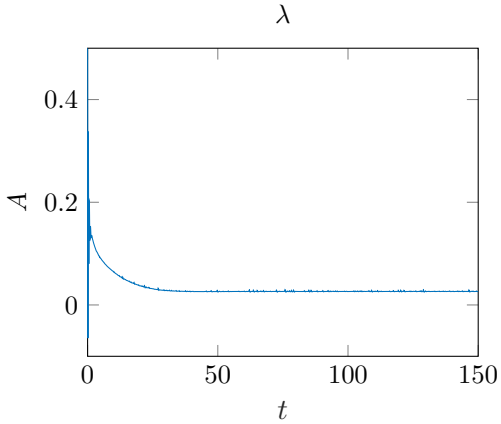
MSE vs steps



MSE vs t



λ

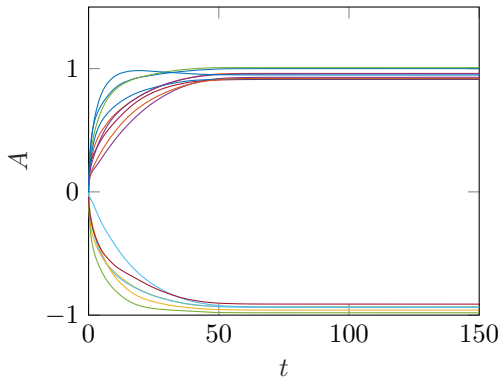


2.36 sim 4.56

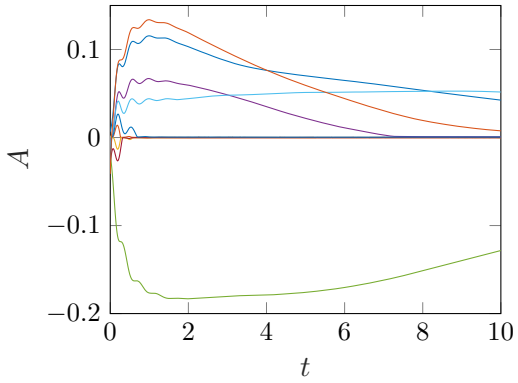
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.3145E-04$	00 : 29 : 33	150.00	5403	4.56

A	Nz	η	m	n	σ
1	15	15	110	512	0.0200

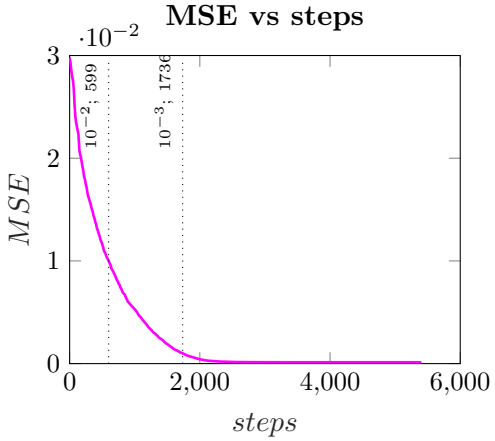
characteristics time(NZc)



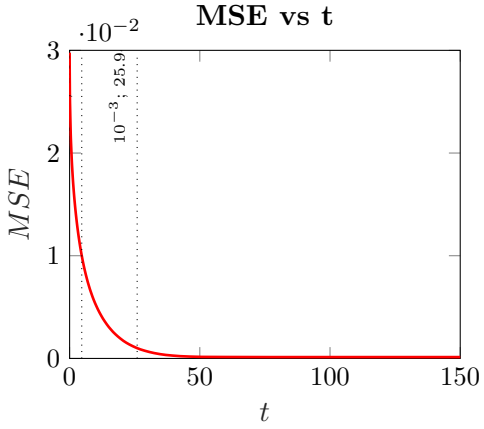
characteristics time(60 Zc)



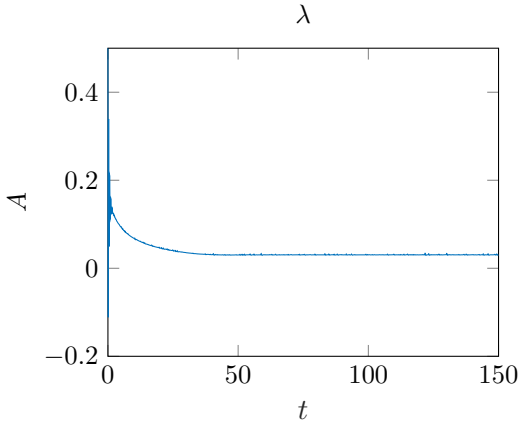
MSE vs steps



MSE vs t



λ

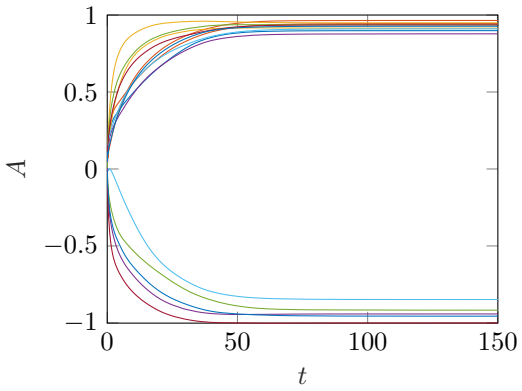


2.37 sim 4.57

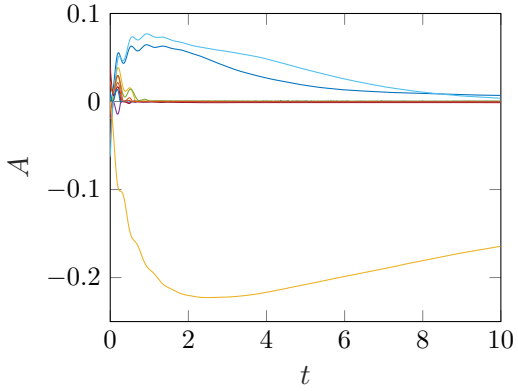
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$2.2780E-04$	00 : 23 : 50	150.00	4361	4.57

A	Nz	η	m	n	σ
1	15	15	120	512	0.0200

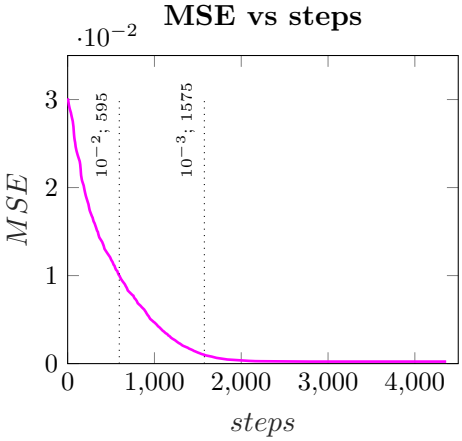
characteristics time(NZc)



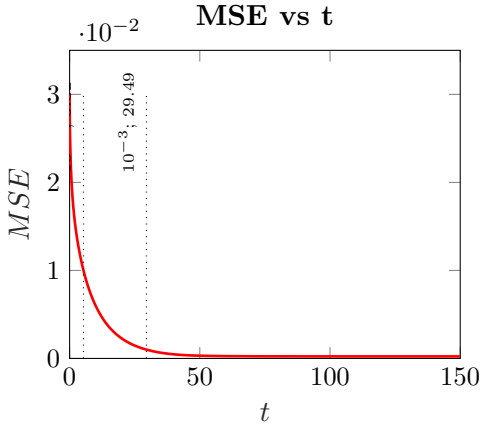
characteristics time(60 Zc)



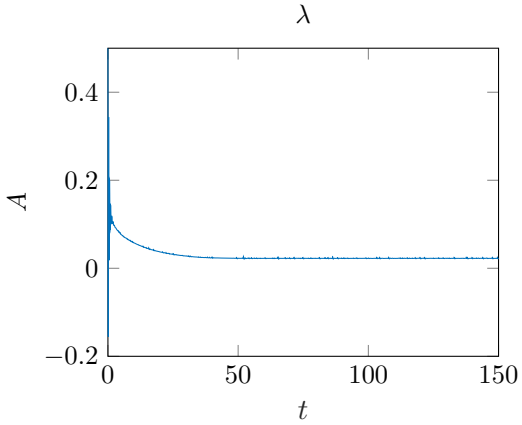
MSE vs steps



MSE vs t



λ

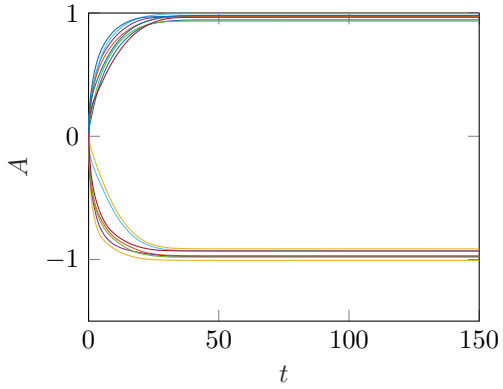


2.38 sim 4.58

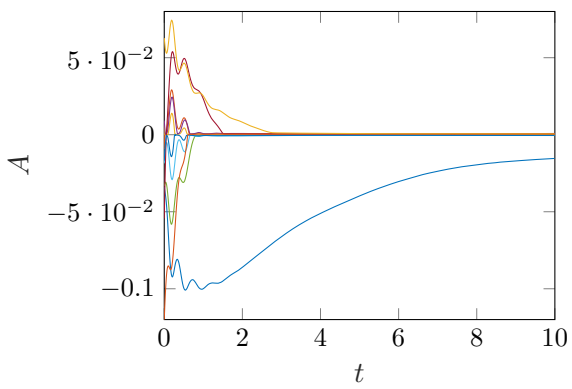
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$6.6987E-05$	00 : 27 : 42	150.00	5035	4.58

A	Nz	η	m	n	σ
1	15	15	130	512	0.0200

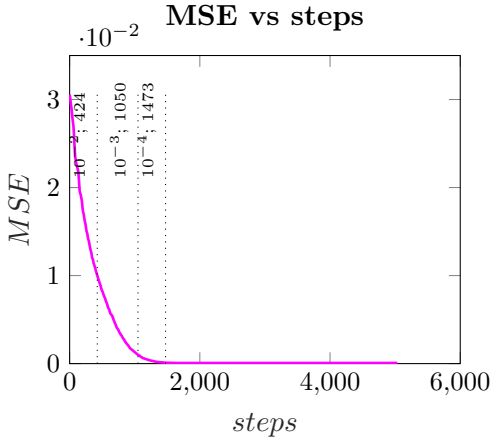
characteristics time(NZc)



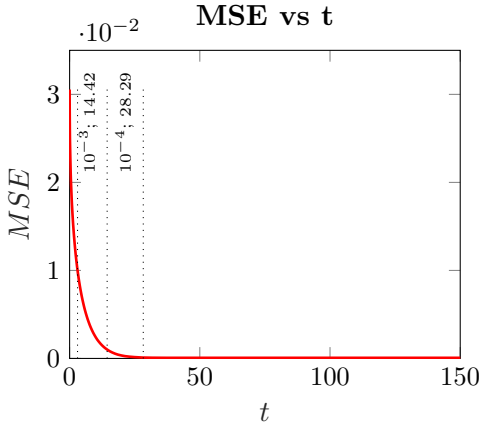
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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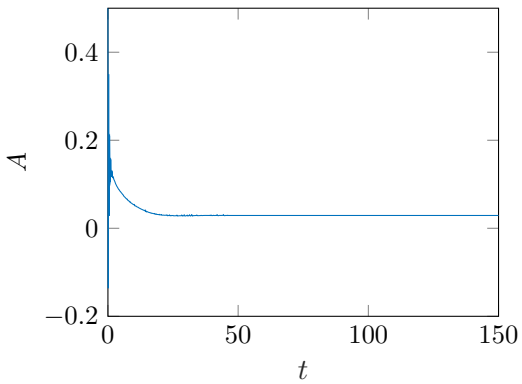
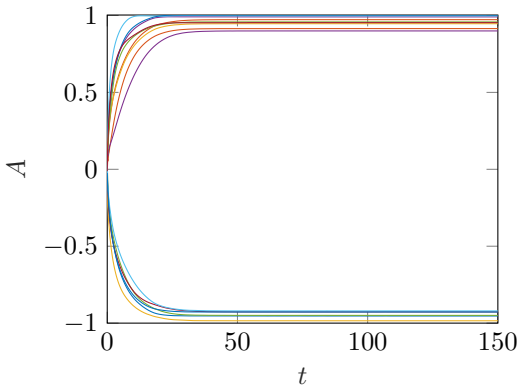


2.39 sim 4.59

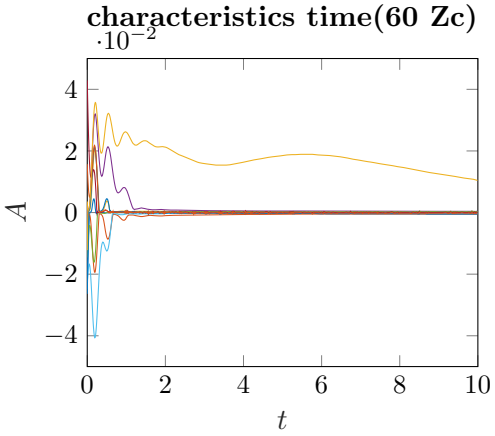
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.0550E-04$	00 : 31 : 51	150.00	5749	4.59

A	Nz	η	m	n	σ
1	15	15	140	512	0.0200

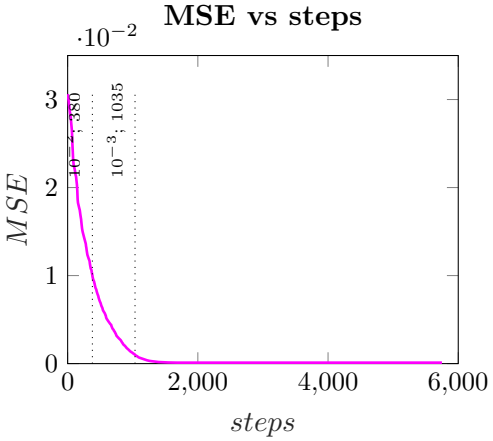
characteristics time(NZc)



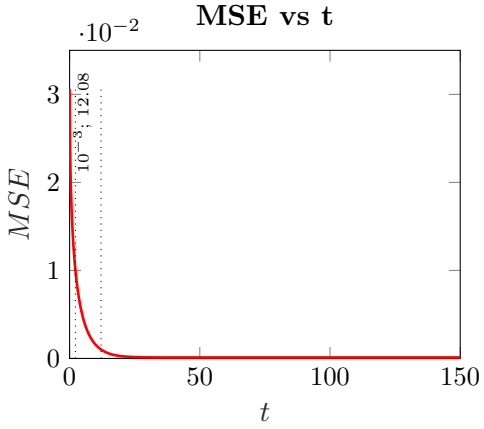
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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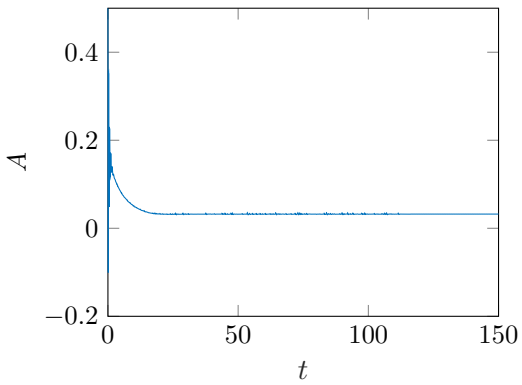
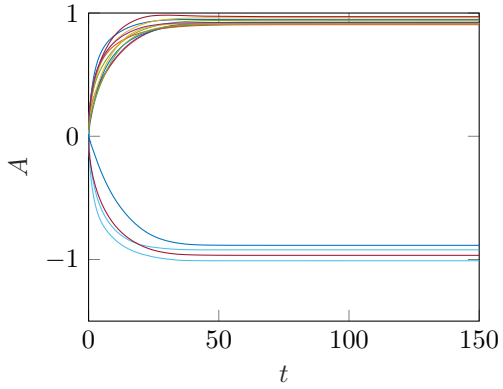


2.40 sim 4.60

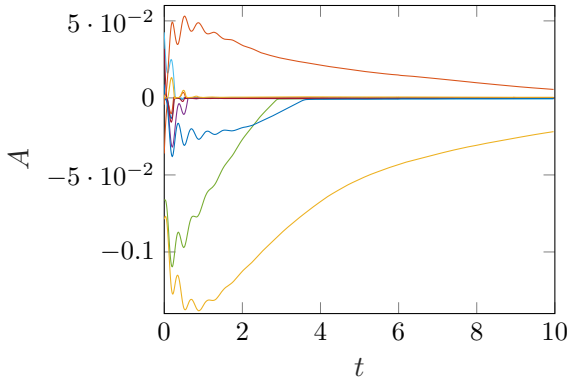
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.8101E-04$	00 : 21 : 57	150.00	3843	4.60

A	Nz	η	m	n	σ
1	15	15	150	512	0.0200

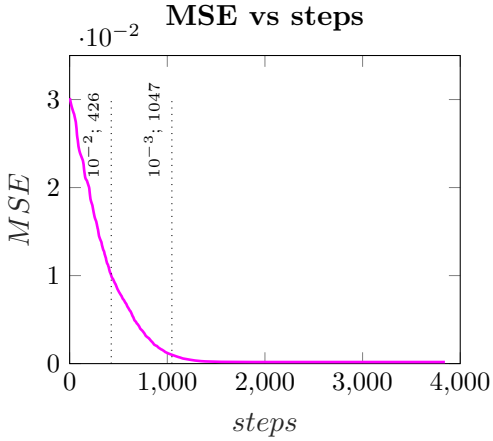
characteristics time(NZc)



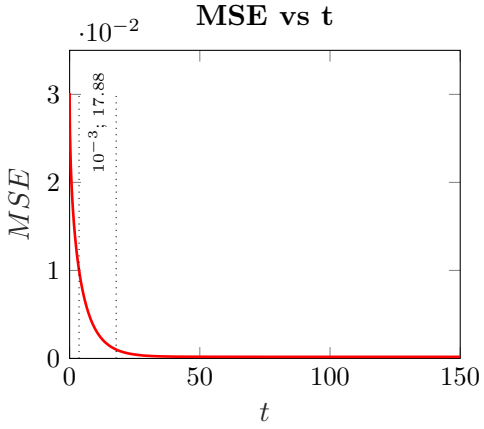
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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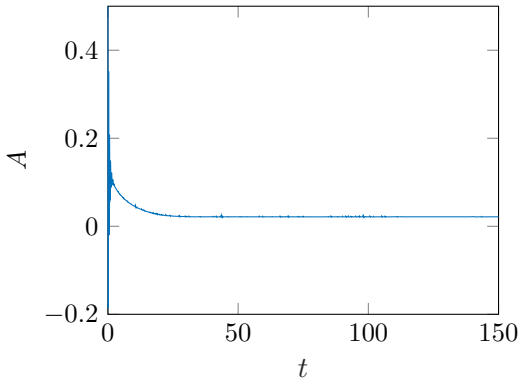
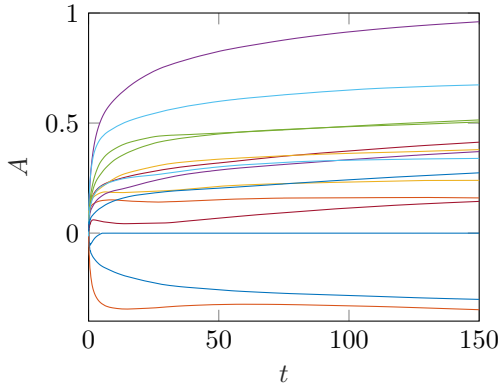


2.41 sim 4.12

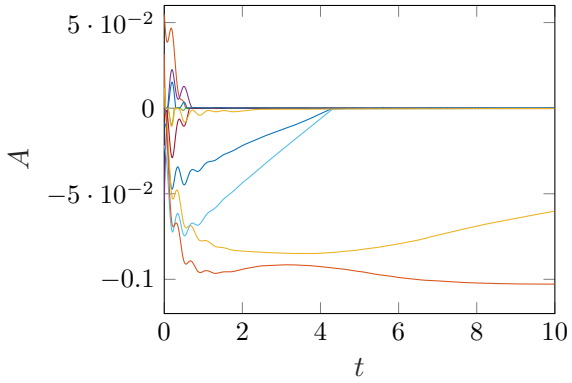
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.6580E-02$	00 : 30 : 26	150.00	4430	4.12

A	Nz	η	m	n	σ
1	15	15	80	512	0.0200

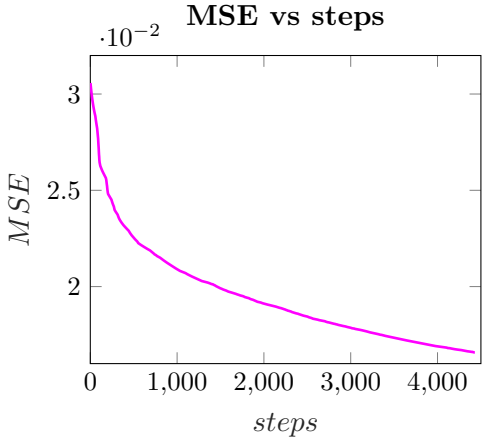
characteristics time(NZc)



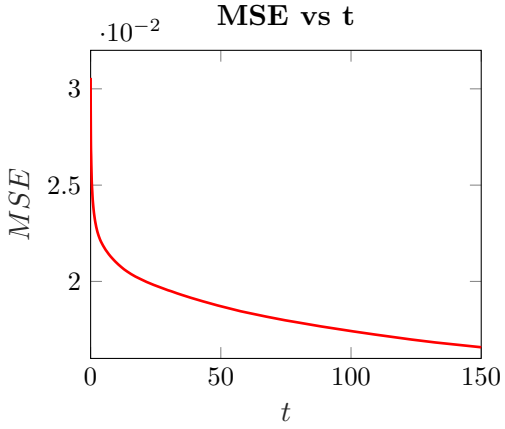
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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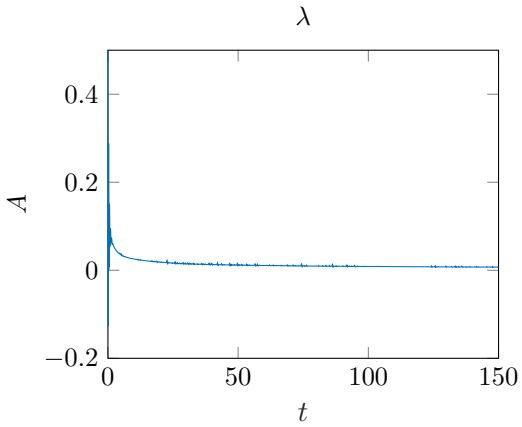
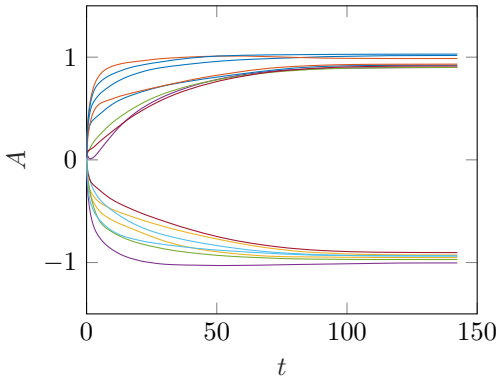


2.42 sim 4.13

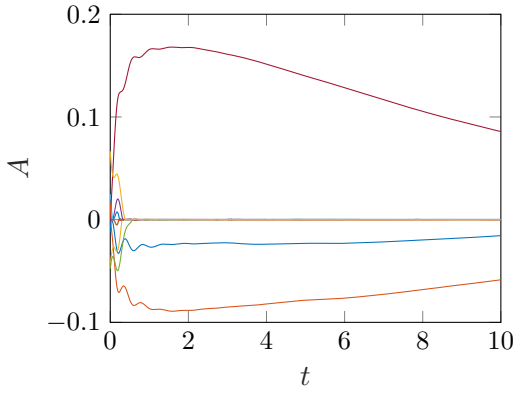
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.6106E-04$	01 : 06 : 21	142.36	10001	4.13

A	Nz	η	m	n	σ
1	15	15	90	512	0.0200

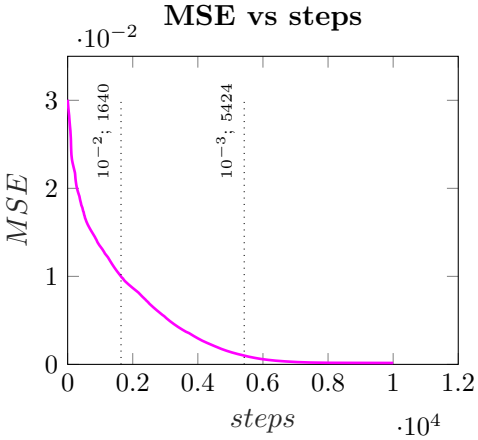
characteristics time(NZc)



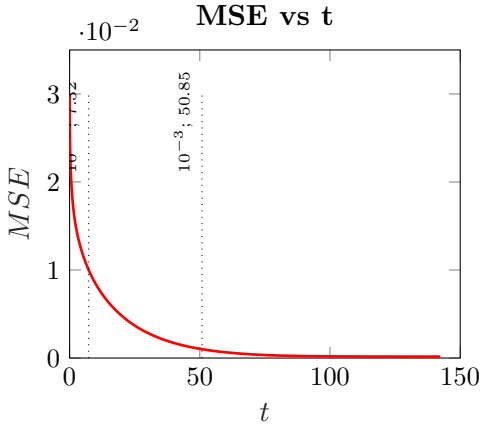
characteristics time(60 Zc)



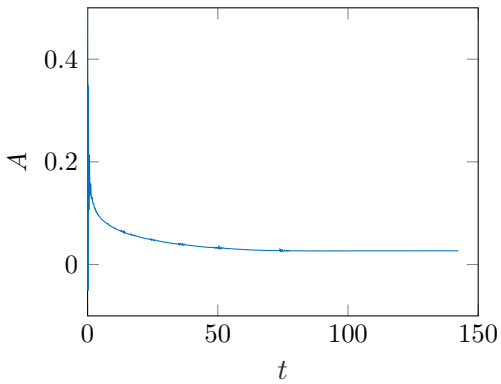
MSE vs steps



MSE vs t



λ

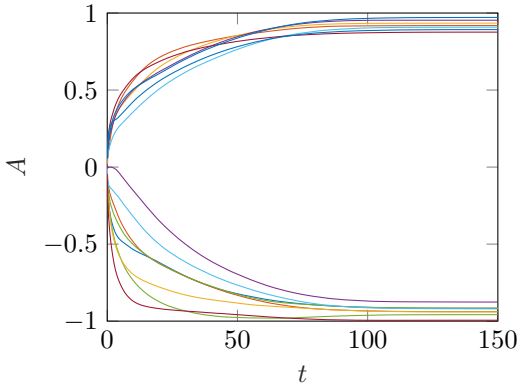


2.43 sim 4.6

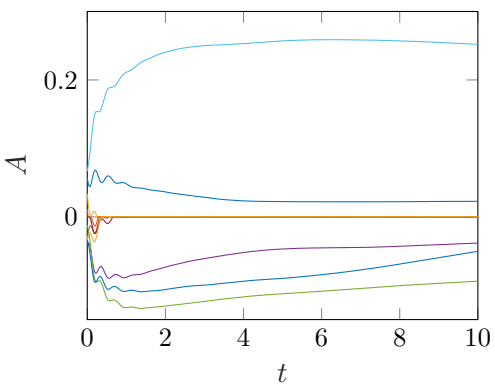
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.6179E-04$	00 : 54 : 52	150.00	8263	4.6

A	Nz	η	m	n	σ
1	15	15	100	512	0.0200

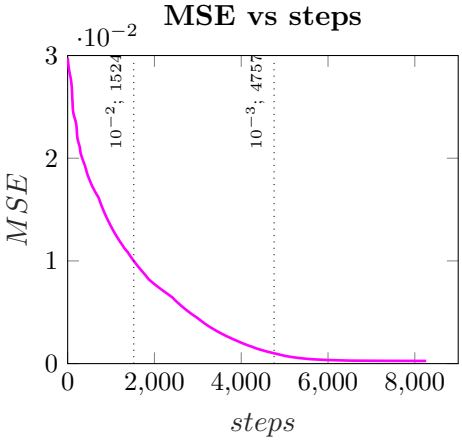
characteristics time(NZc)



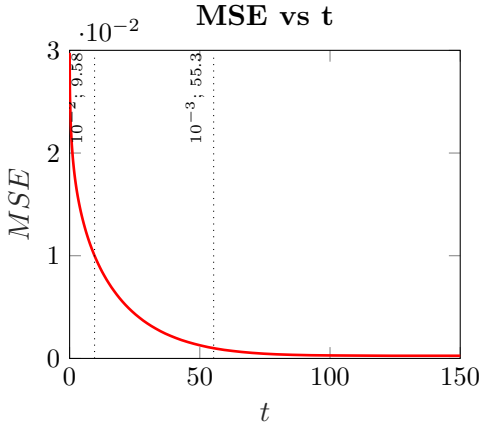
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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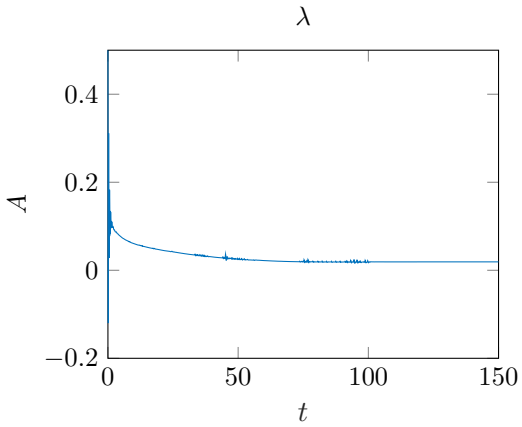
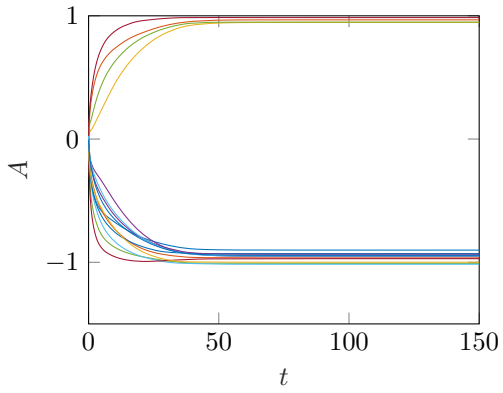


2.44 sim 4.7

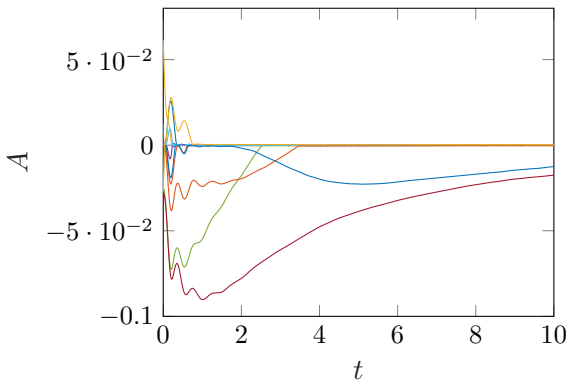
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$8.8339E-05$	01 : 03 : 23	150.00	9592	4.7

A	Nz	η	m	n	σ
1	15	15	110	512	0.0200

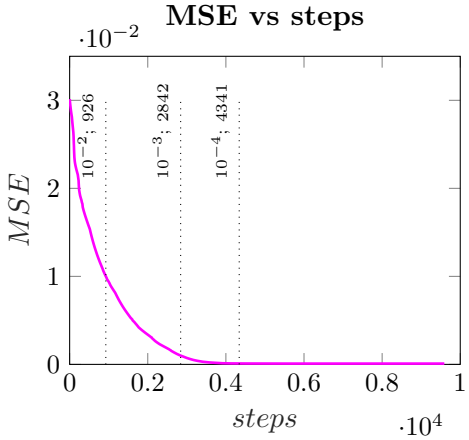
characteristics time(NZc)



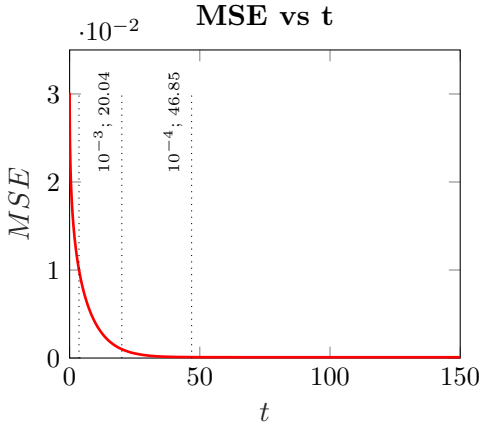
characteristics time(60 Zc)



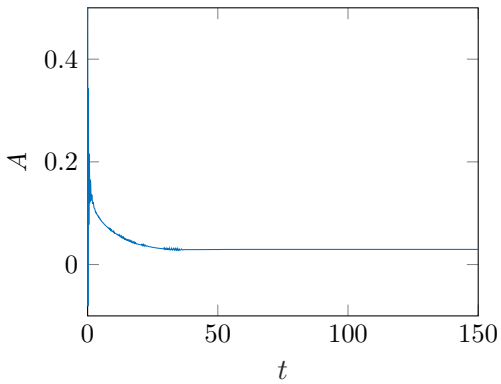
MSE vs steps



MSE vs t



λ

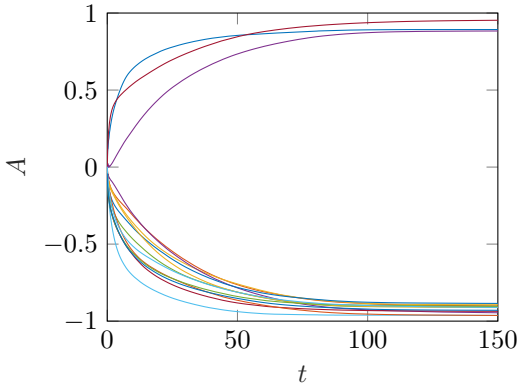


2.45 sim 4.8

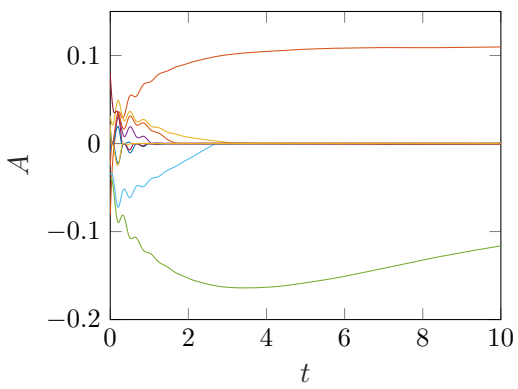
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.7186E-04$	00 : 49 : 13	150.00	7381	4.8

A	Nz	η	m	n	σ
1	15	15	120	512	0.0200

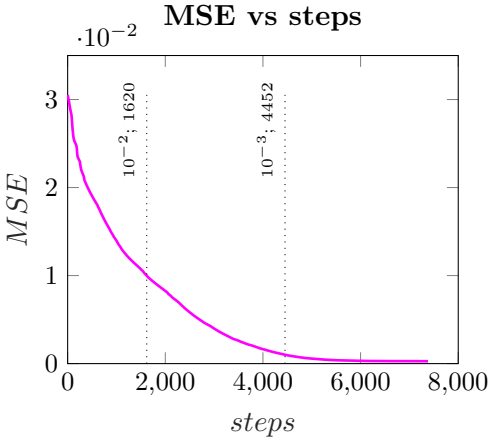
characteristics time(NZc)



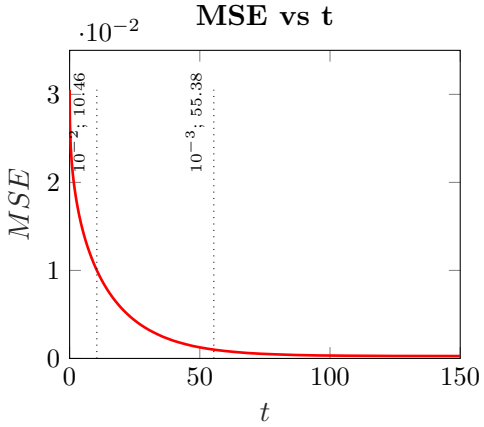
characteristics time(60 Zc)



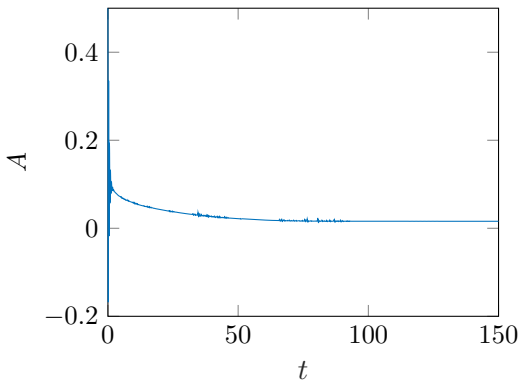
MSE vs steps



MSE vs t



λ

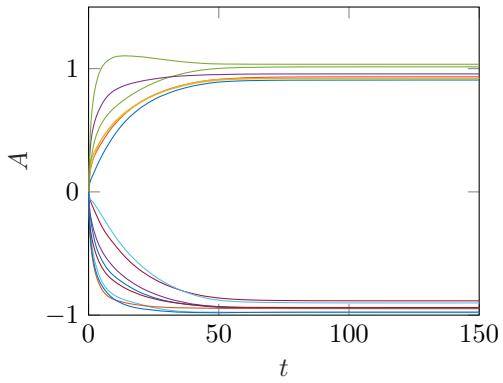


2.46 sim 4.9

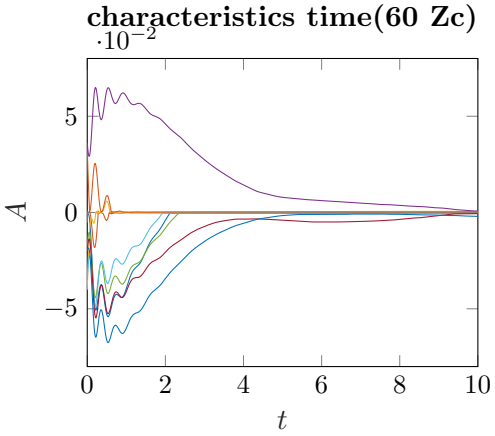
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.5328E-04$	00 : 52 : 20	150.00	7777	4.9

A	Nz	η	m	n	σ
1	15	15	130	512	0.0200

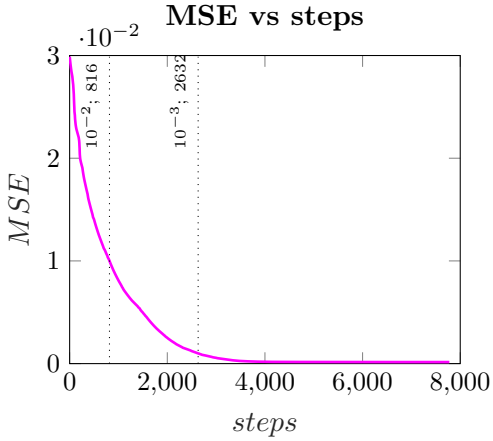
characteristics time(NZc)



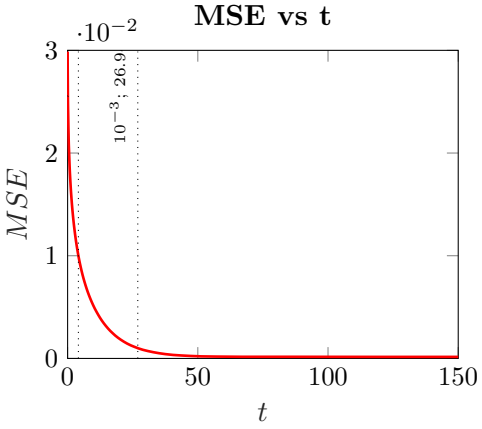
characteristics time(60 Zc)



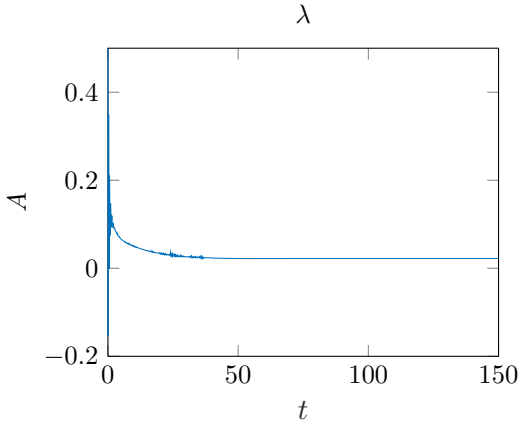
MSE vs steps



MSE vs t



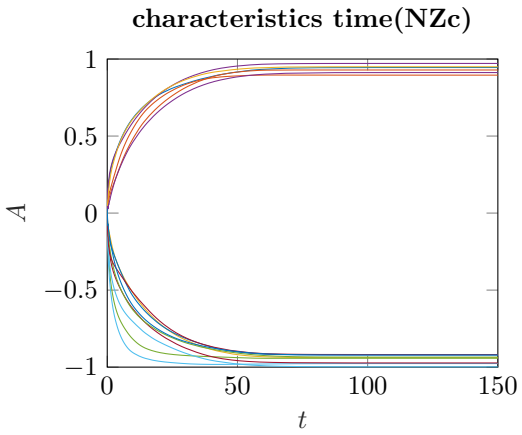
λ

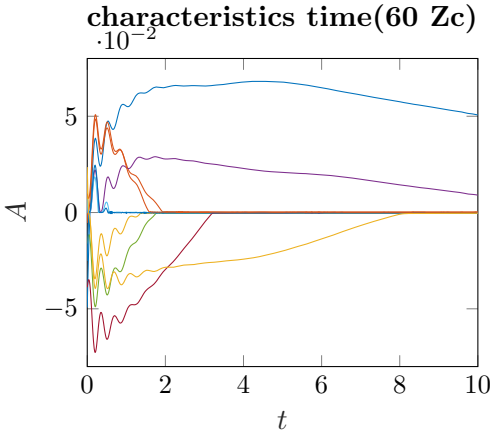


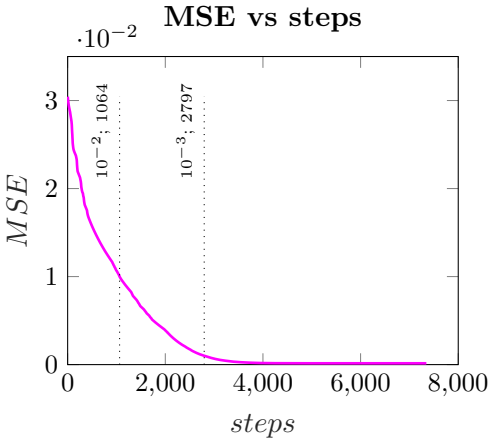
2.47 sim 4.10

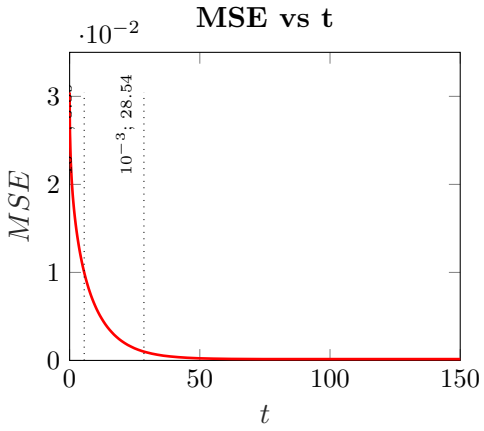
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.4970E-04$	00 : 49 : 27	150.00	7347	4.10

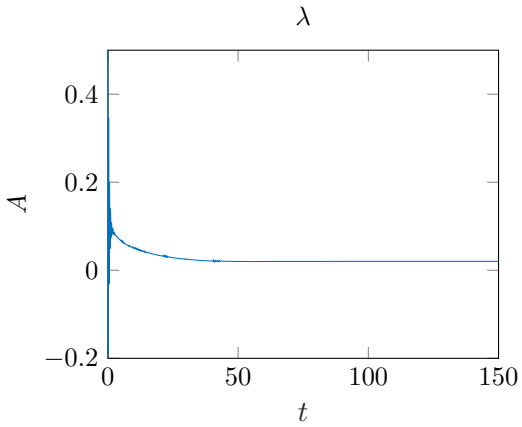
A	Nz	η	m	n	σ
1	15	15	140	512	0.0200









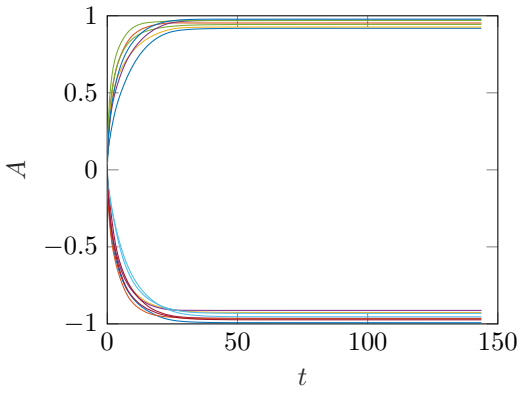


2.48 sim 4.11

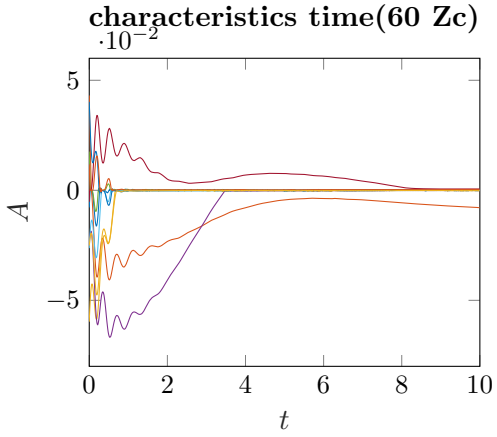
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.0286E-04$	01 : 07 : 39	143.63	10001	4.11

A	Nz	η	m	n	σ
1	15	15	150	512	0.0200

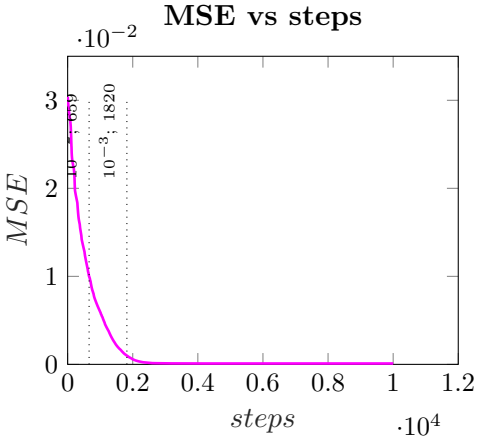
characteristics time(NZc)



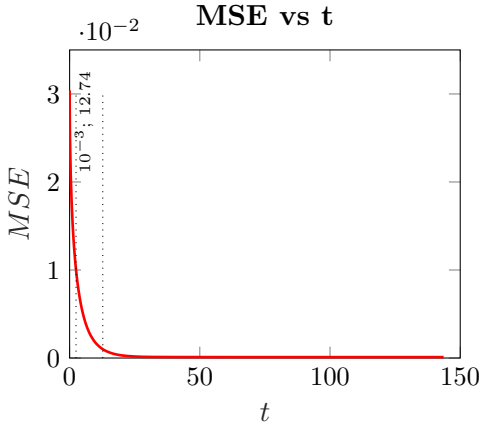
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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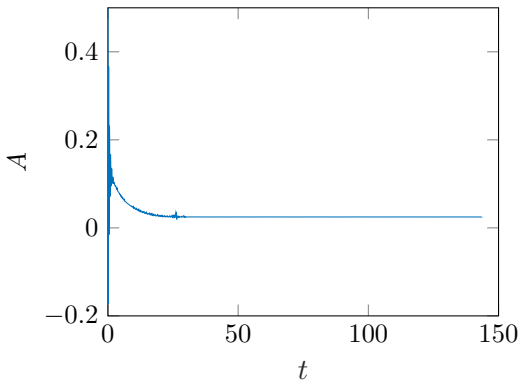
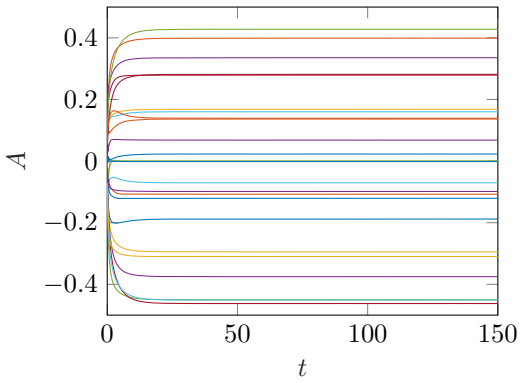


2.49 sim 4.49

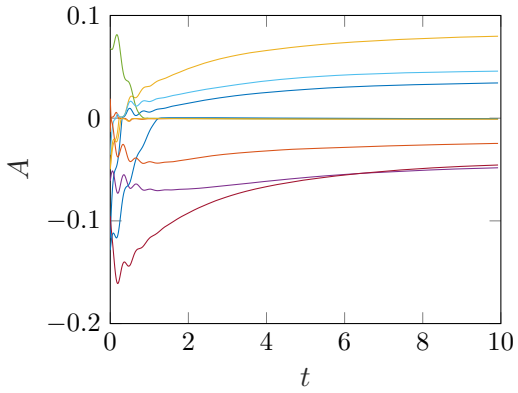
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$3.7924E-02$	00 : 11 : 52	150.00	2128	4.49

A	Nz	η	m	n	σ
1	25	25	80	512	0.0020

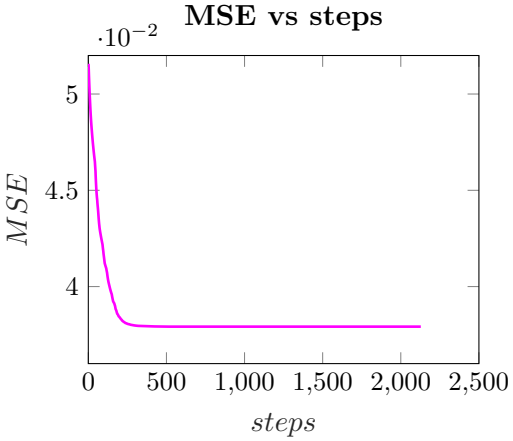
characteristics time(NZc)



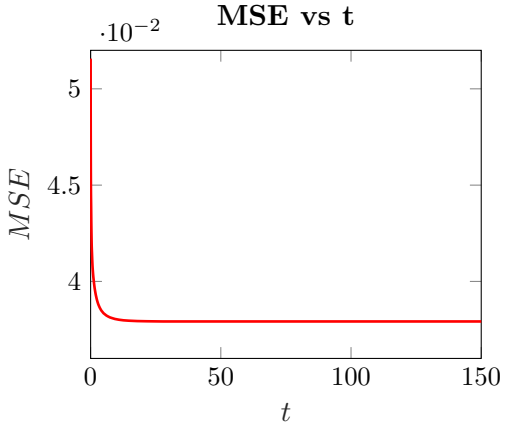
characteristics time(60 Zc)



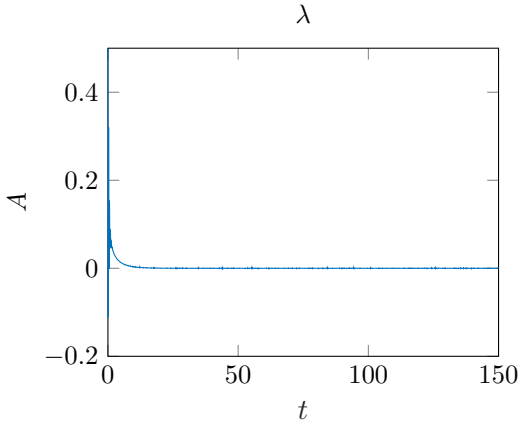
MSE vs steps



MSE vs t



λ

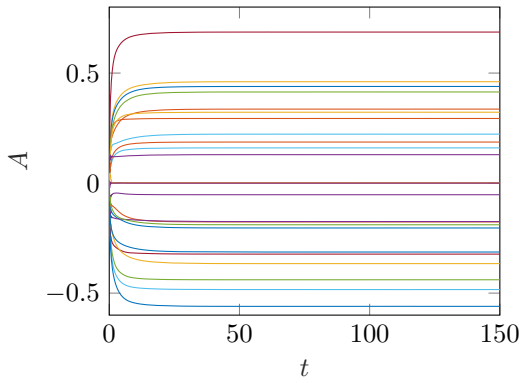


2.50 sim 4.50

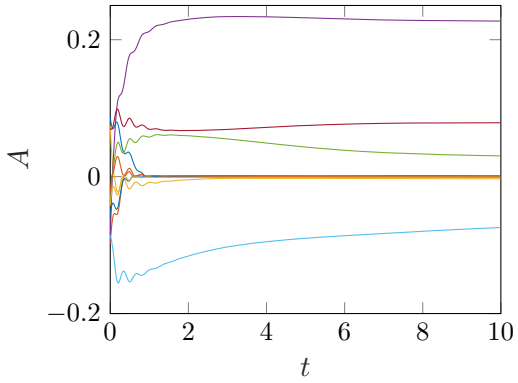
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$3.2953E-02$	00 : 11 : 53	150.00	2145	4.50

A	Nz	η	m	n	σ
1	25	25	90	512	0.0020

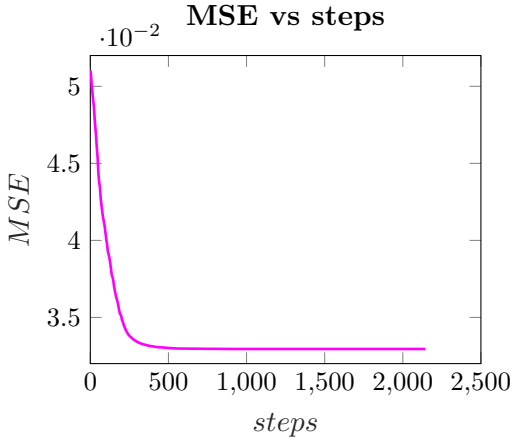
characteristics time(NZc)



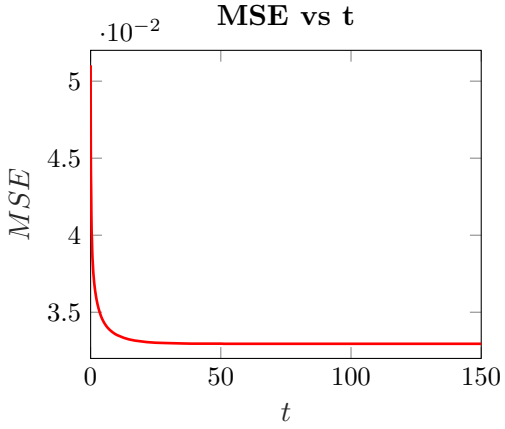
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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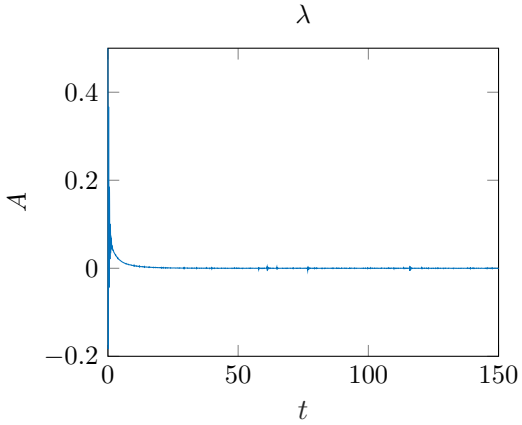
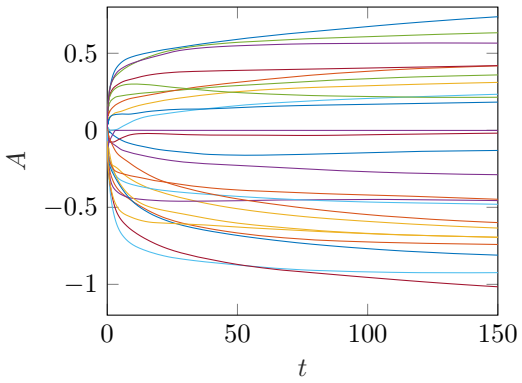


2.51 sim 4.43

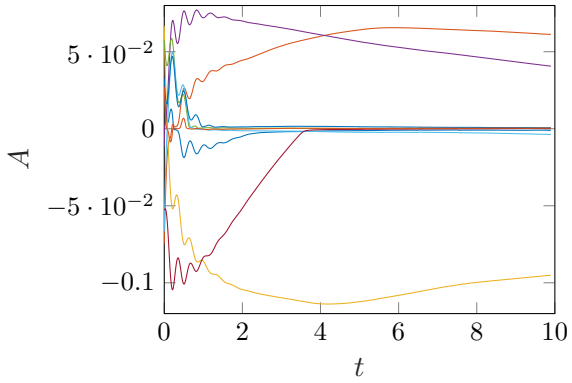
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.2311E-02$	00 : 11 : 14	150.00	2017	4.43

A	Nz	η	m	n	σ
1	25	25	100	512	0.0020

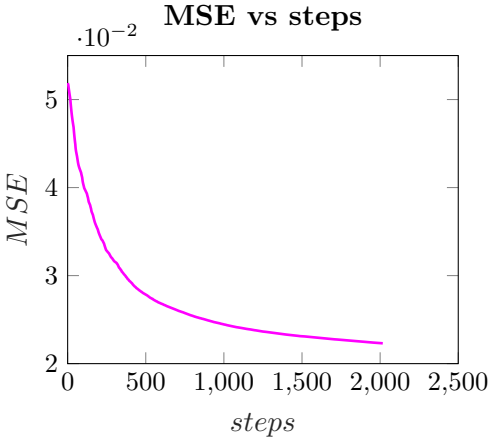
characteristics time(NZc)



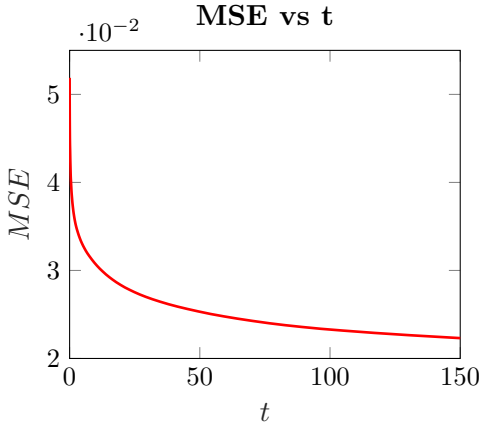
characteristics time(60 Zc)



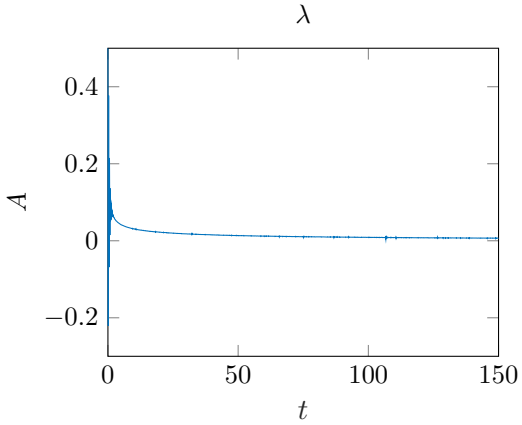
MSE vs steps



MSE vs t



λ

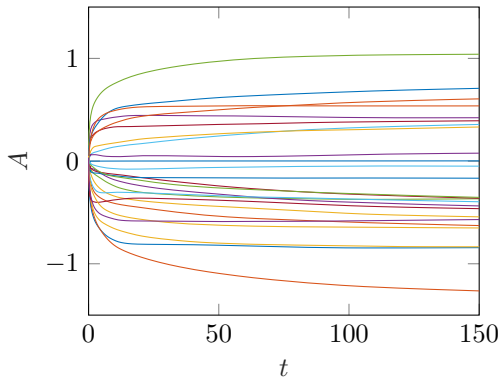


2.52 sim 4.44

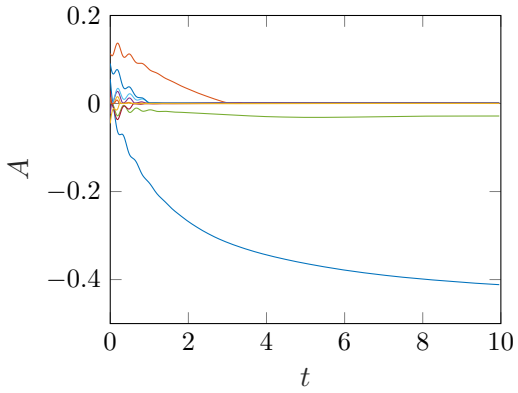
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.1806E-02$	00 : 11 : 10	150.00	1985	4.44

A	Nz	η	m	n	σ
1	25	25	110	512	0.0020

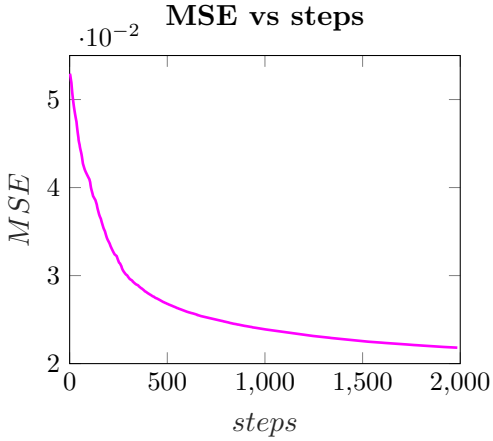
characteristics time(NZc)



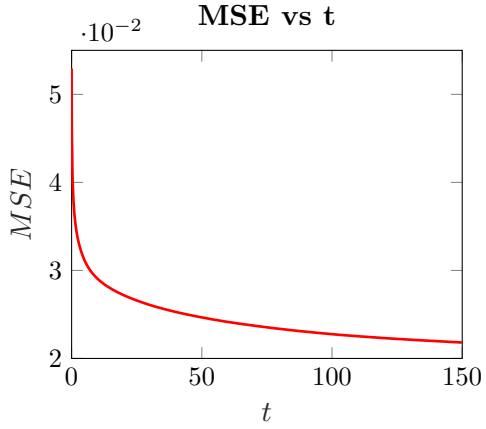
characteristics time(60 Zc)



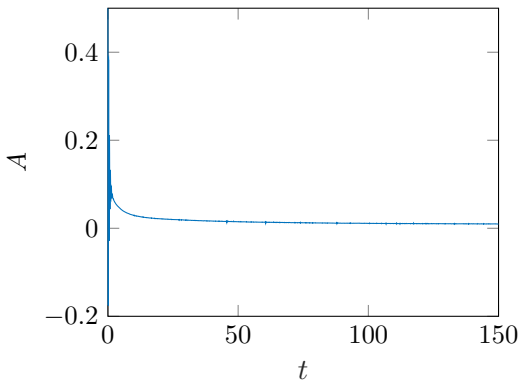
MSE vs steps



MSE vs t



λ

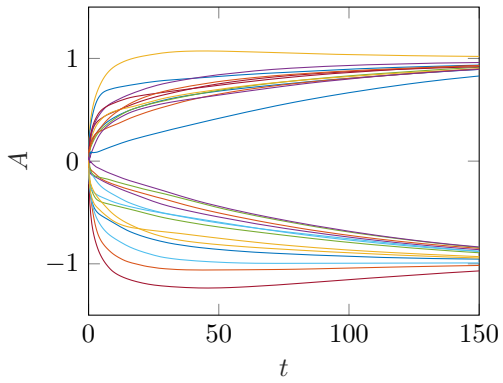


2.53 sim 4.45

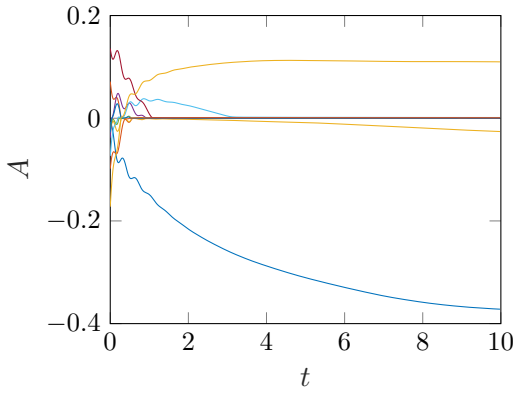
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$5.8534E-04$	00 : 12 : 10	150.00	2166	4.45

A	Nz	η	m	n	σ
1	25	25	120	512	0.0020

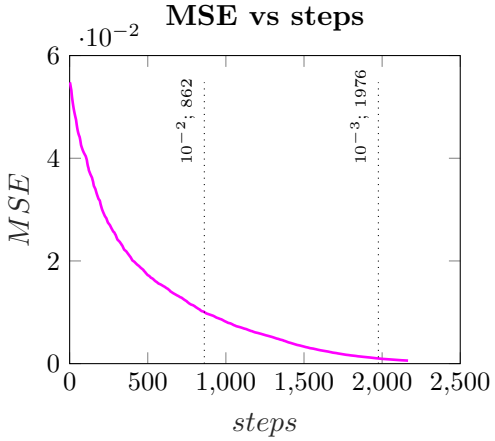
characteristics time(NZc)



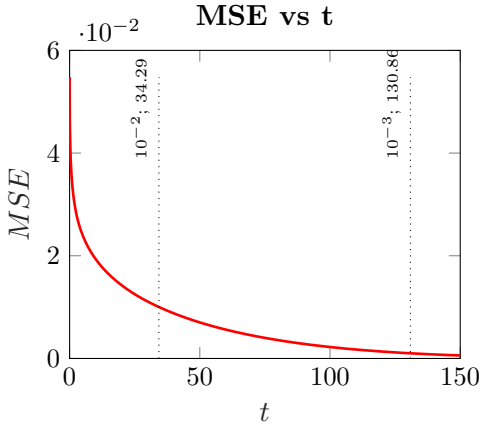
characteristics time(60 Zc)



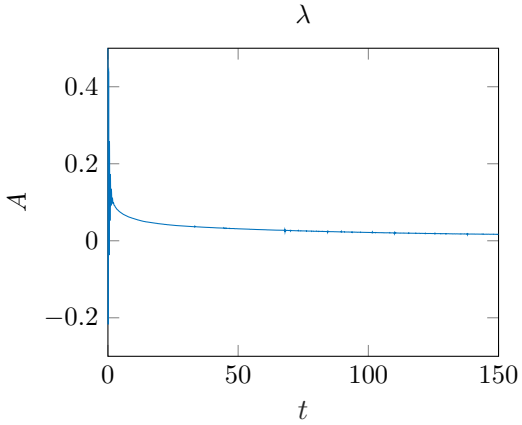
MSE vs steps



MSE vs t



λ

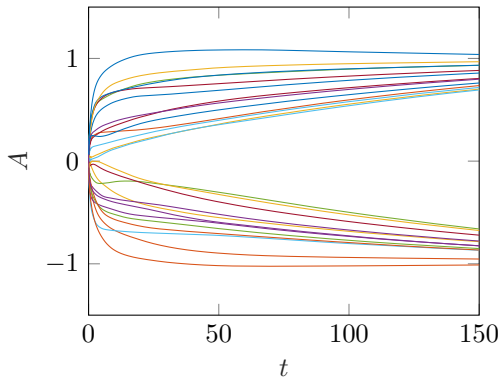


2.54 sim 4.46

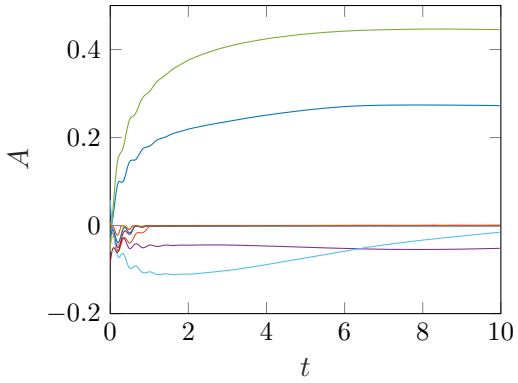
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.5598E-03$	00 : 12 : 12	150.00	2162	4.46

A	Nz	η	m	n	σ
1	25	25	130	512	0.0020

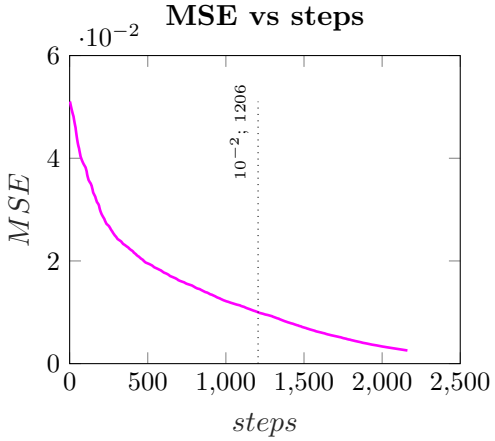
characteristics time(NZc)



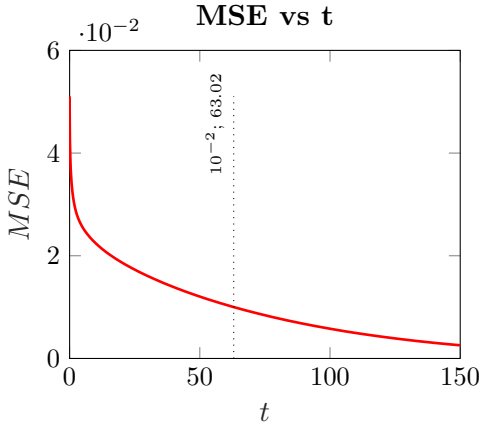
characteristics time(60 Zc)



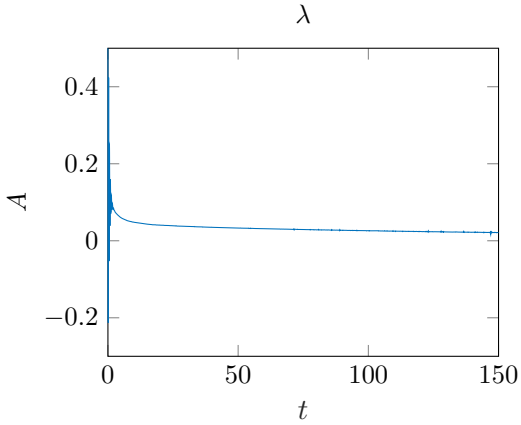
MSE vs steps



MSE vs t



λ

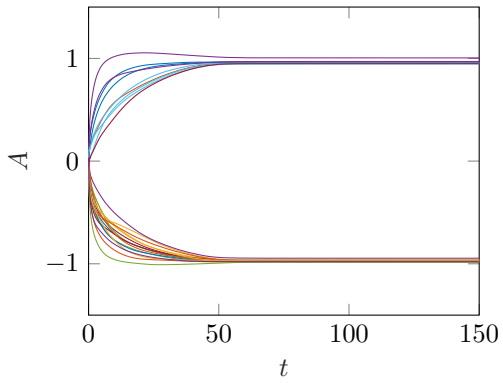


2.55 sim 4.47

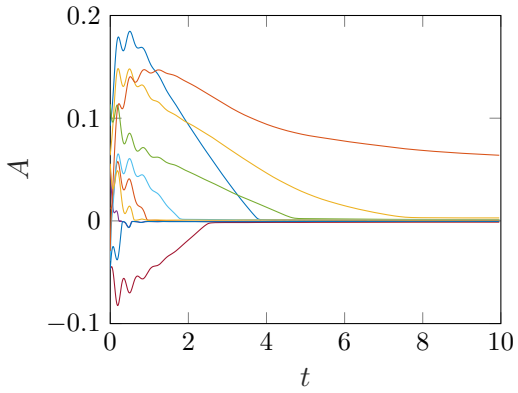
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$6.2884E-05$	00 : 12 : 27	150.00	2246	4.47

A	Nz	η	m	n	σ
1	25	25	140	512	0.0020

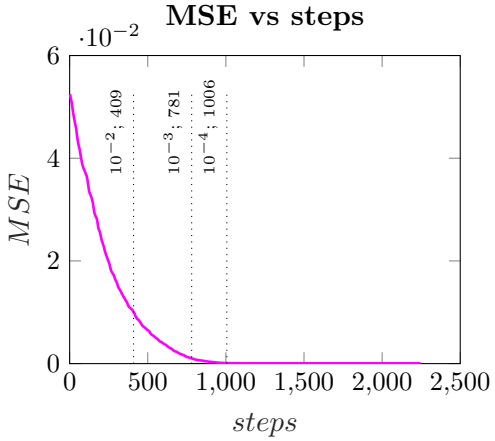
characteristics time(NZc)



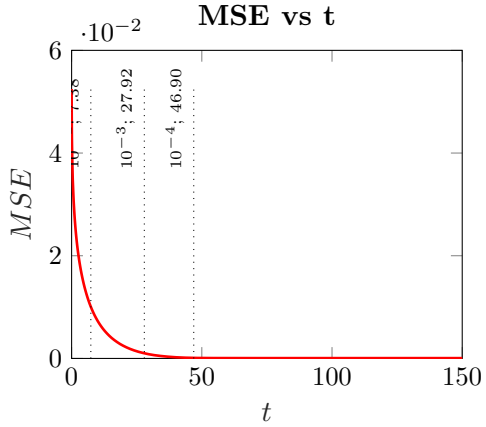
characteristics time(60 Zc)



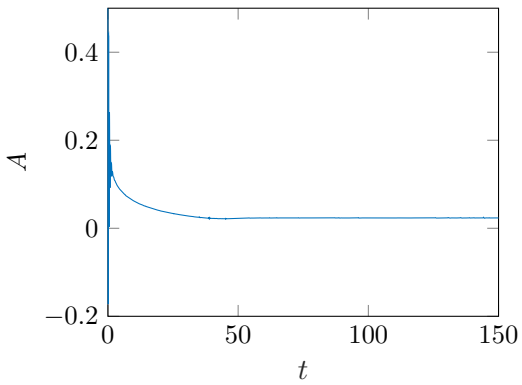
MSE vs steps



MSE vs t



λ

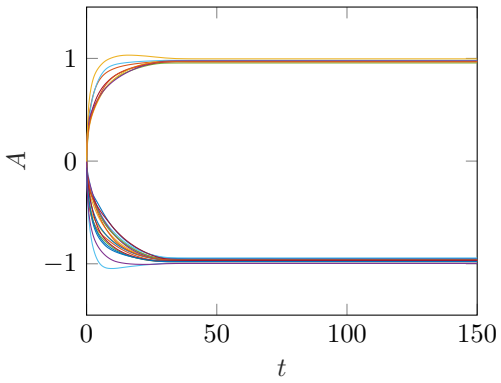


2.56 sim 4.48

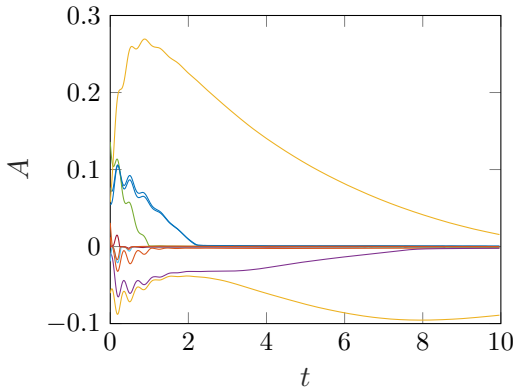
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$5.3741E-05$	00 : 12 : 53	150.00	2290	4.48

A	Nz	η	m	n	σ
1	25	25	150	512	0.0020

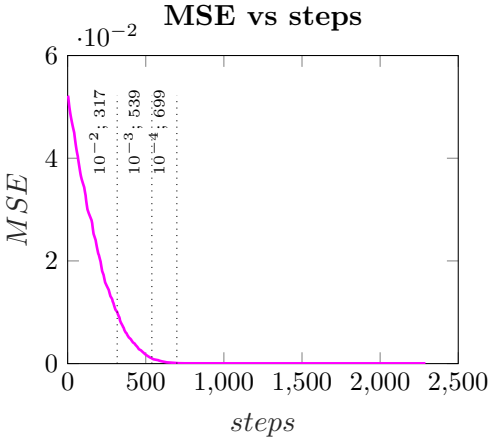
characteristics time(NZc)



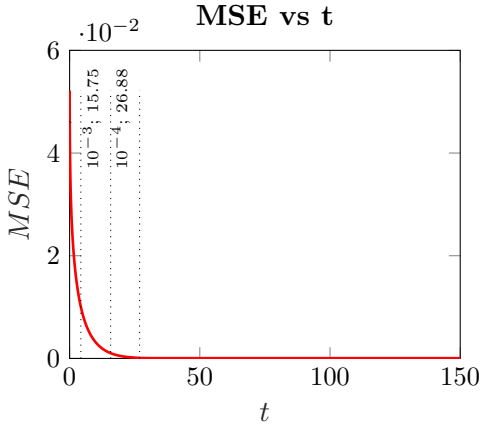
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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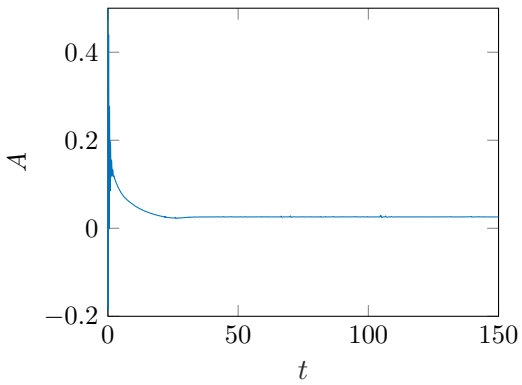
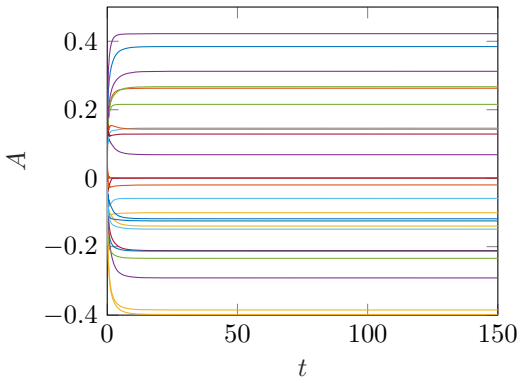


2.57 sim 4.37

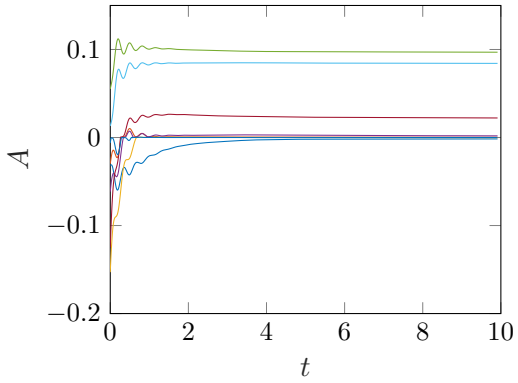
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.9403E-02$	00 : 12 : 47	150.00	2370	4.37

A	Nz	η	m	n	σ
1	25	25	80	512	0.0020

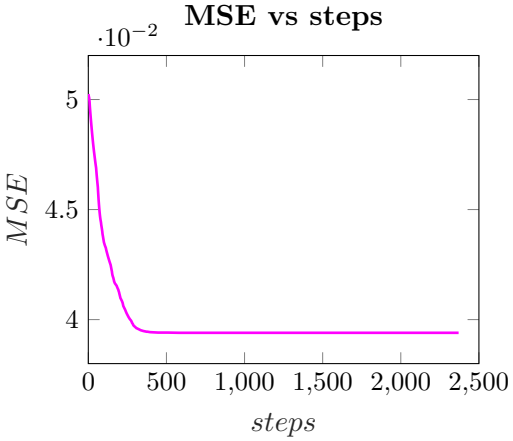
characteristics time(NZc)



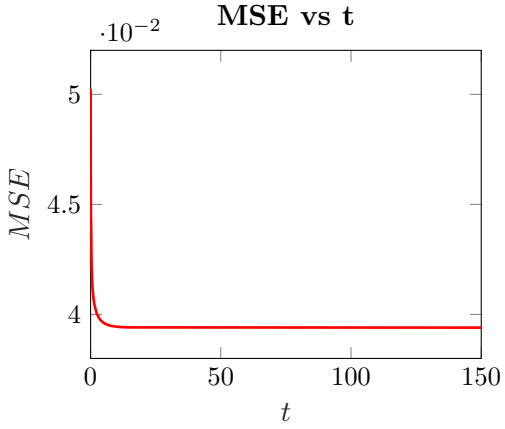
characteristics time(60 Zc)



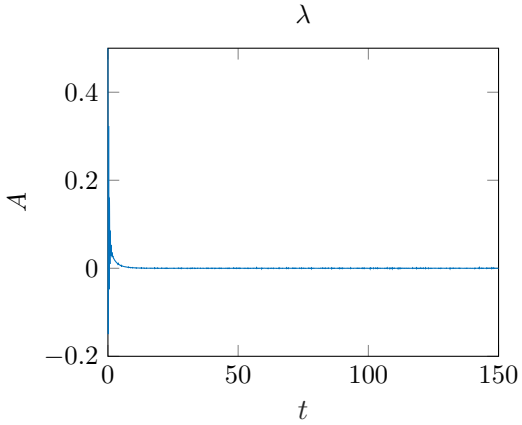
MSE vs steps



MSE vs t



λ

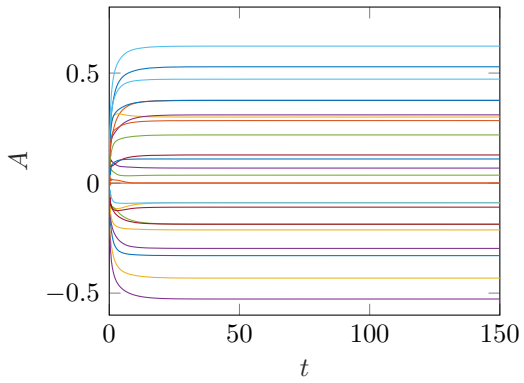


2.58 sim 4.38

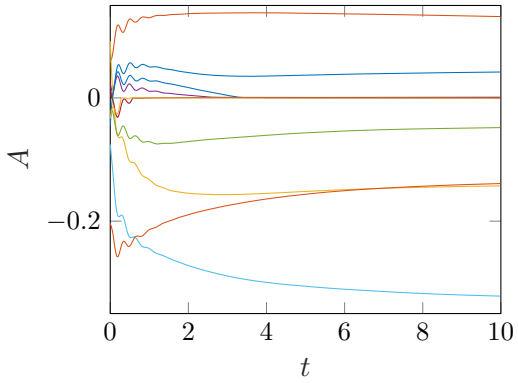
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.5893E-02$	00 : 13 : 12	150.00	2395	4.38

A	Nz	η	m	n	σ
1	25	25	90	512	0.0020

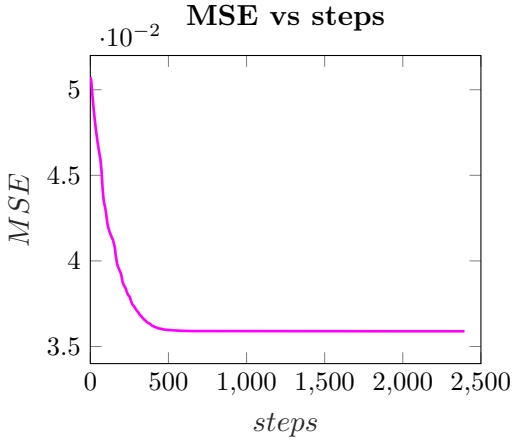
characteristics time(NZc)



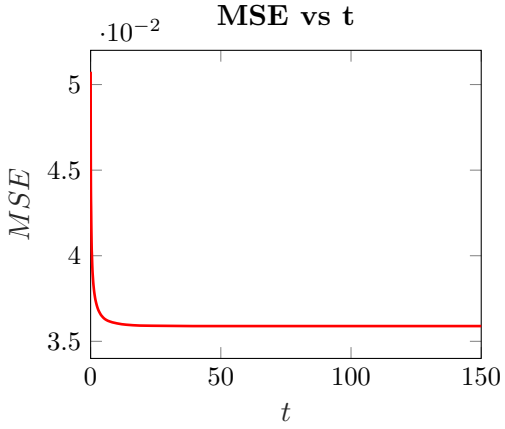
characteristics time(60 Zc)



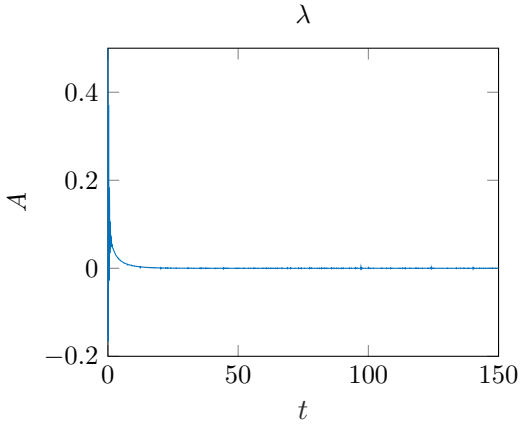
MSE vs steps



MSE vs t



λ

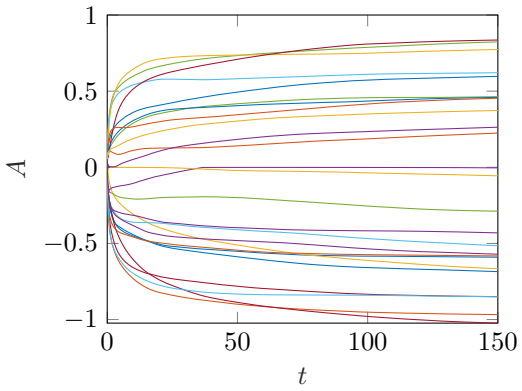


2.59 sim 4.31

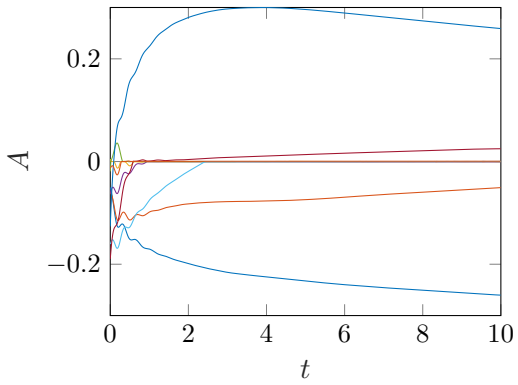
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.7250E-02$	00 : 18 : 37	150.00	3448	4.31

A	Nz	η	m	n	σ
1	25	25	100	512	0.0020

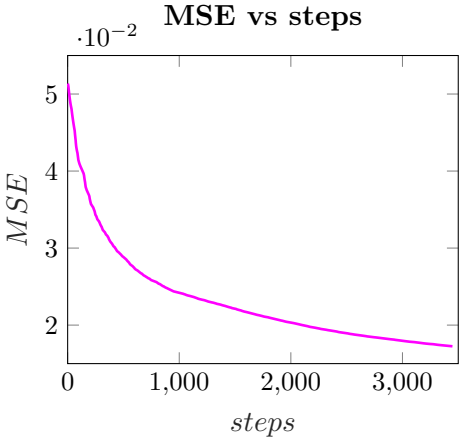
characteristics time(NZc)



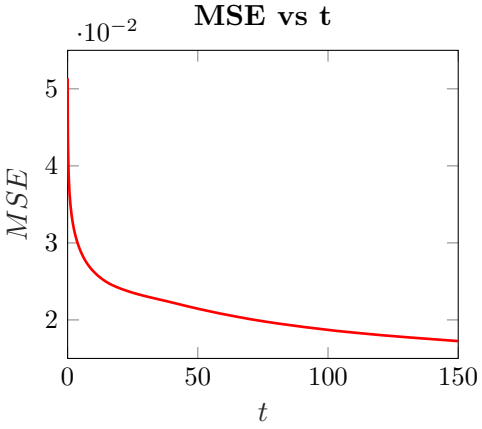
characteristics time(60 Zc)



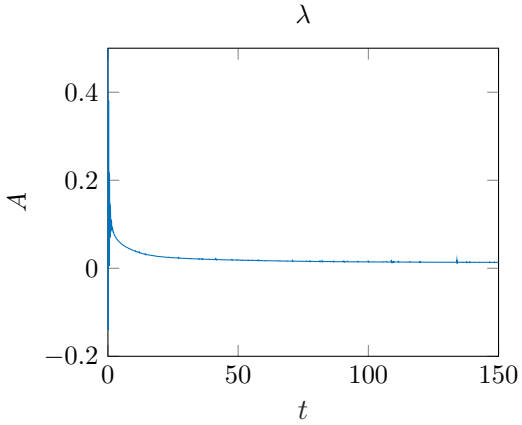
MSE vs steps



MSE vs t



λ

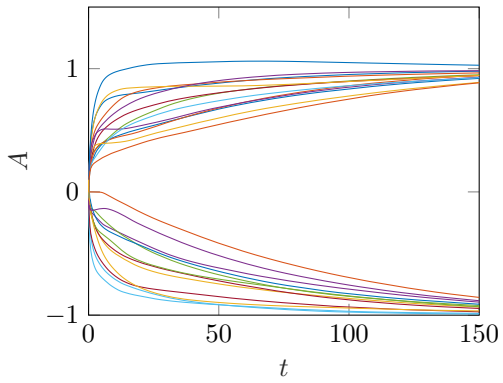


2.60 sim 4.32

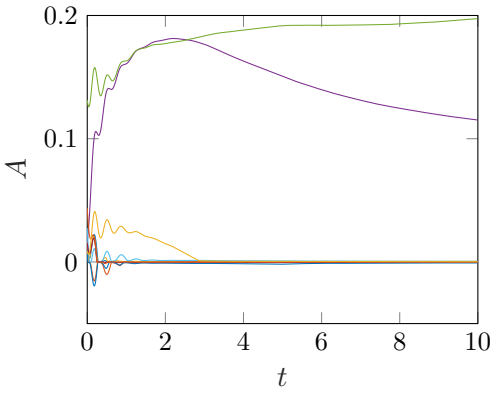
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.5109E-04$	00 : 22 : 59	150.00	4234	4.32

A	Nz	η	m	n	σ
1	25	25	110	512	0.0020

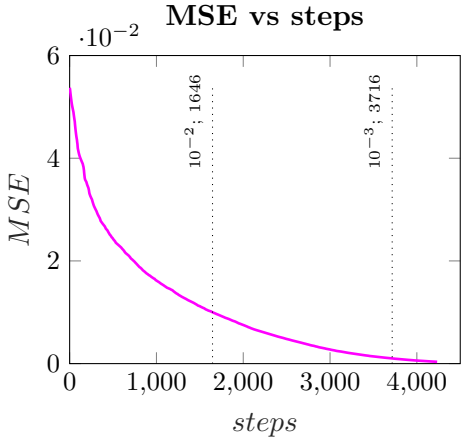
characteristics time(NZc)



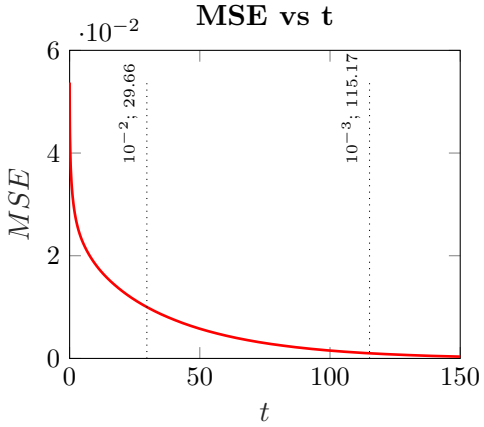
characteristics time(60 Zc)



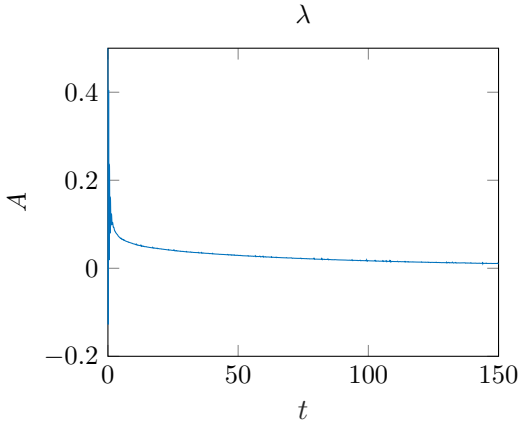
MSE vs steps



MSE vs t



λ

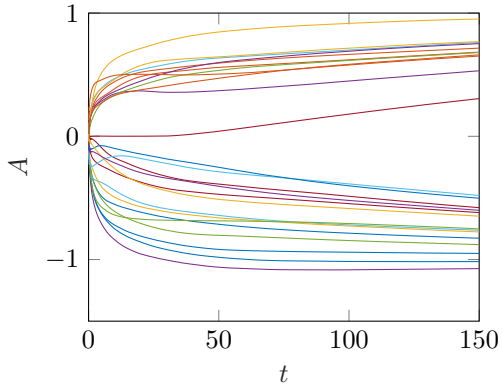


2.61 sim 4.33

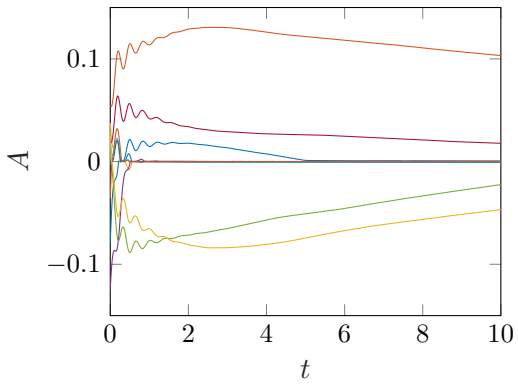
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$7.2696E-03$	00 : 22 : 49	150.00	4146	4.33

A	Nz	η	m	n	σ
1	25	25	120	512	0.0020

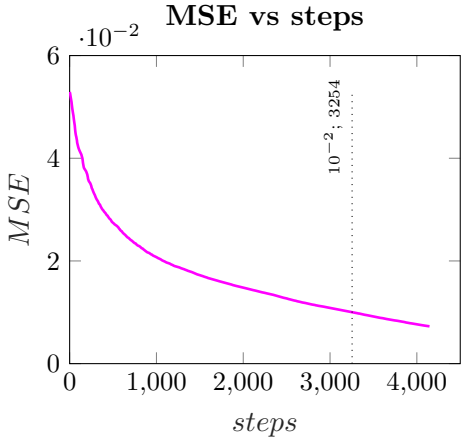
characteristics time(NZc)



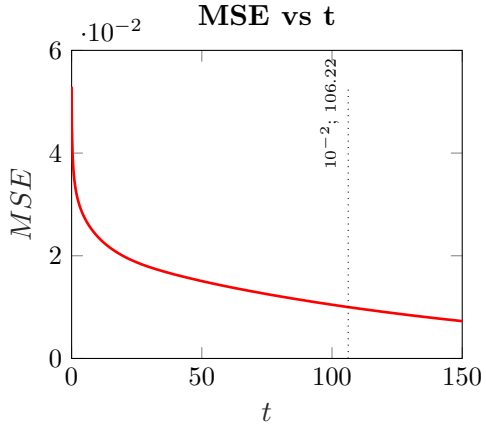
characteristics time(60 Zc)



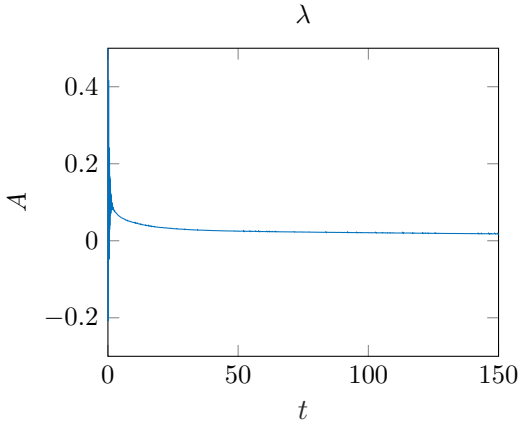
MSE vs steps



MSE vs t



λ

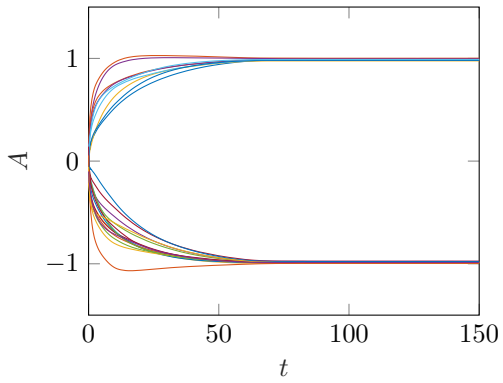


2.62 sim 4.34

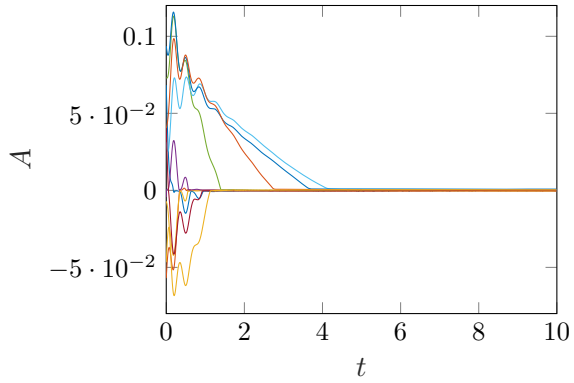
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$1.2143E-05$	00 : 18 : 17	150.00	3398	4.34

A	Nz	η	m	n	σ
1	25	25	130	512	0.0020

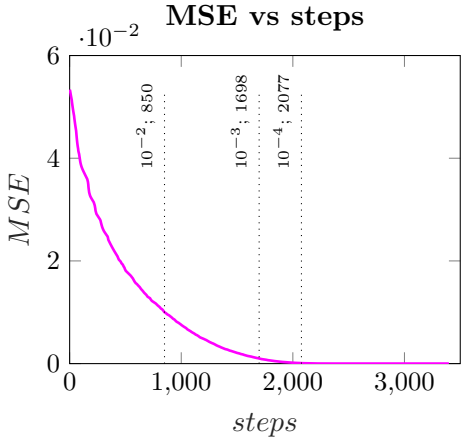
characteristics time(NZc)



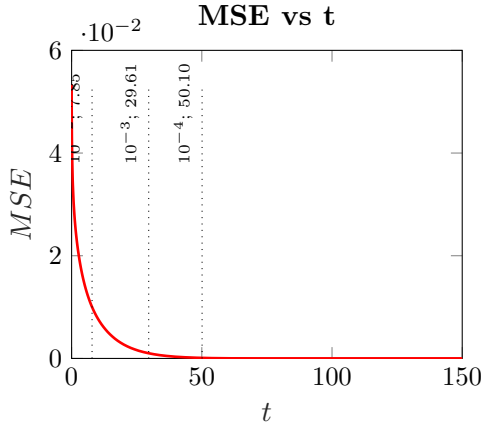
characteristics time(60 Zc)



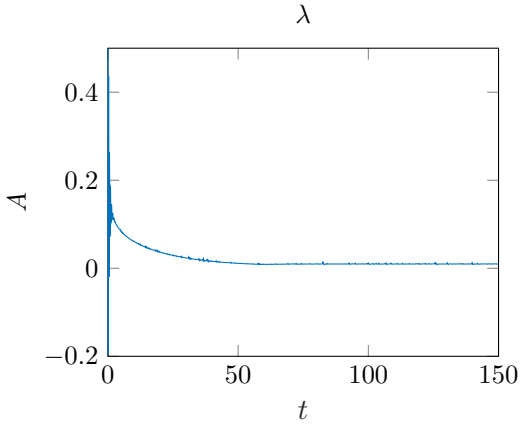
MSE vs steps



MSE vs t



λ

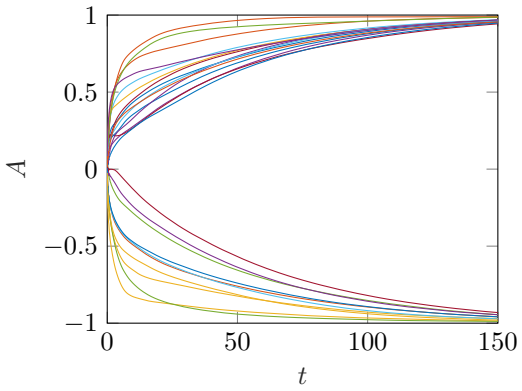


2.63 sim 4.35

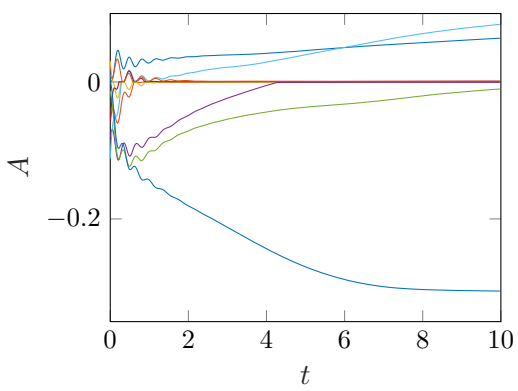
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$9.2004E-05$	00 : 18 : 56	150.00	3499	4.35

A	Nz	η	m	n	σ
1	25	25	140	512	0.0020

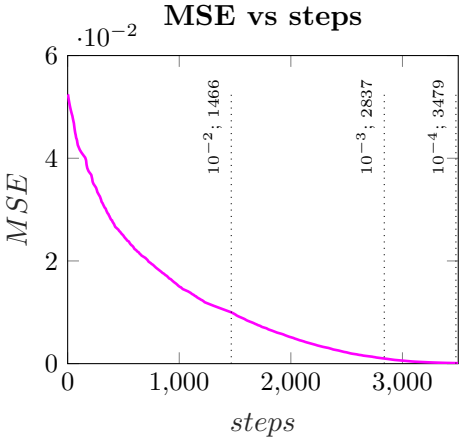
characteristics time(NZc)



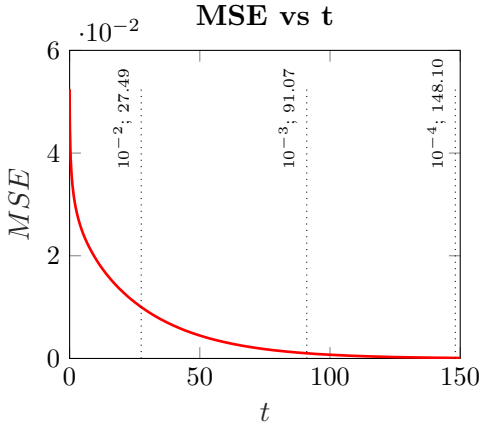
characteristics time(60 Zc)



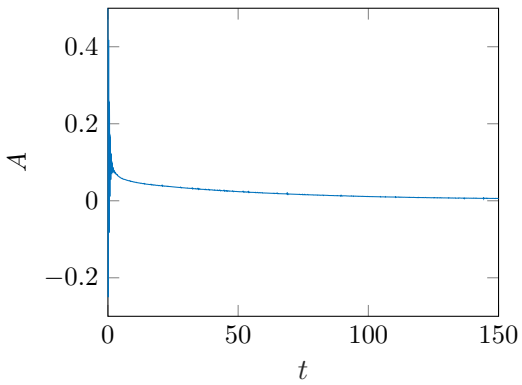
MSE vs steps



MSE vs t



λ

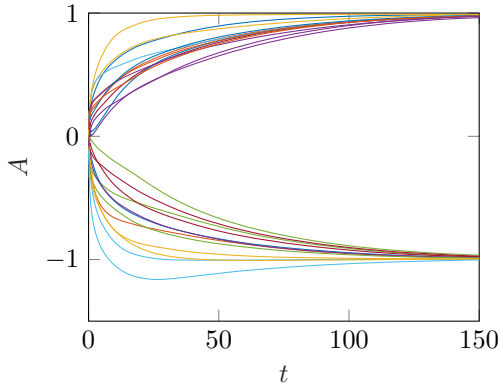


2.64 sim 4.36

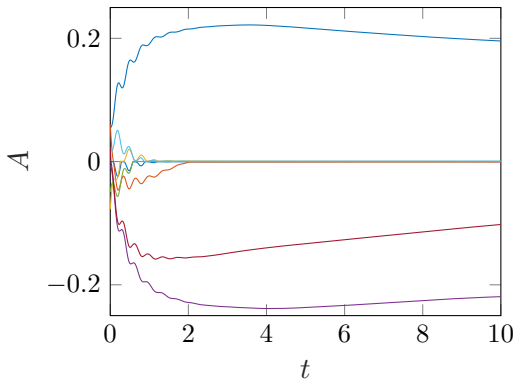
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$2.2523E-05$	00 : 17 : 26	150.00	3167	4.36

A	Nz	η	m	n	σ
1	25	25	150	512	0.0020

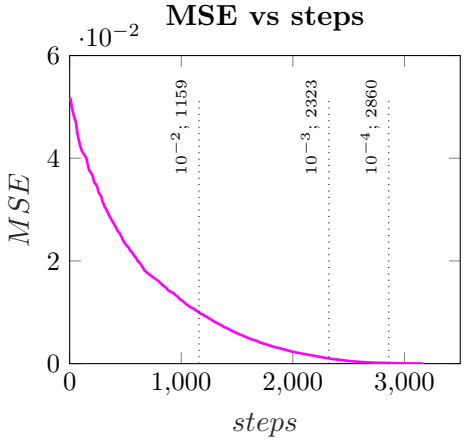
characteristics time(NZc)



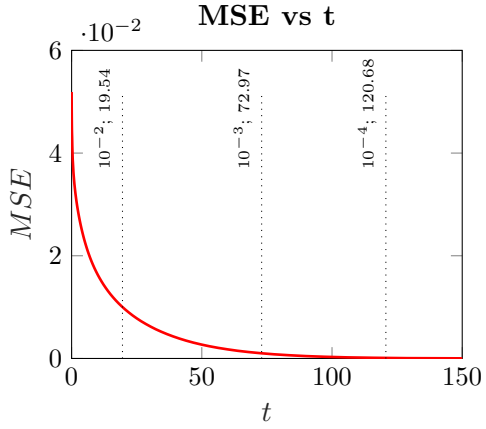
characteristics time(60 Zc)



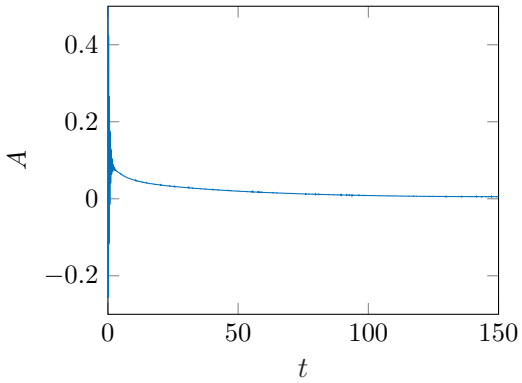
MSE vs steps



MSE vs t



λ

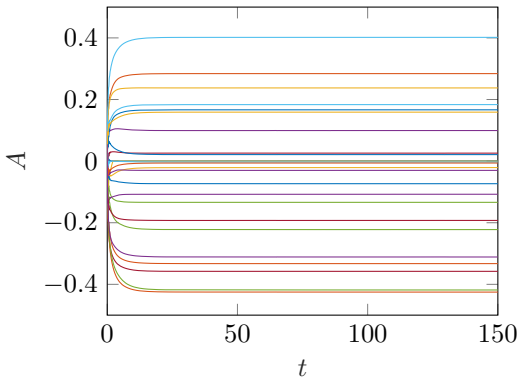


2.65 sim 4.24

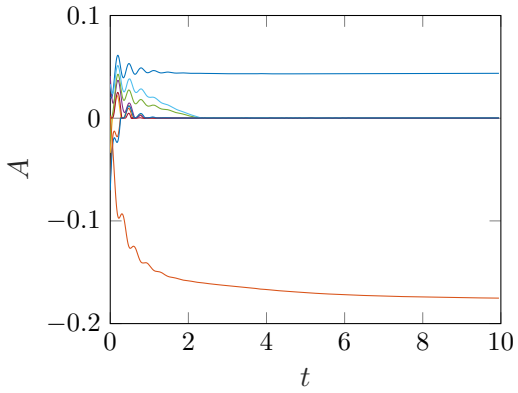
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$4.1010E-02$	00 : 13 : 51	150.00	2525	4.24

A	Nz	η	m	n	σ
1	25	25	80	512	0.0020

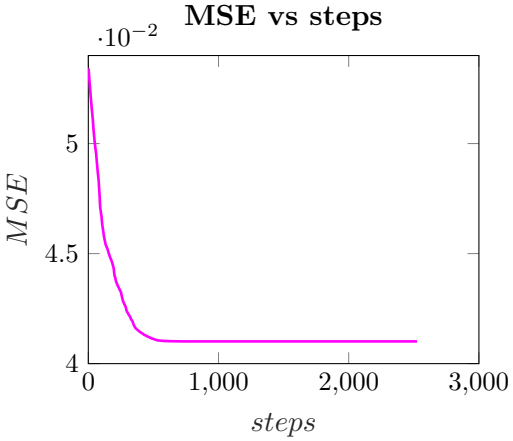
characteristics time(NZc)



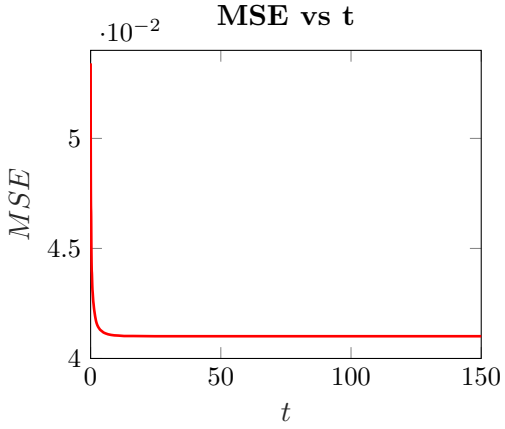
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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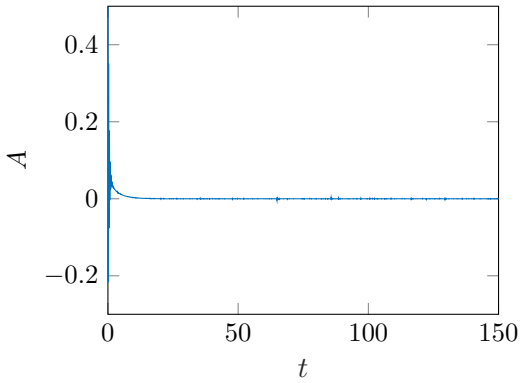
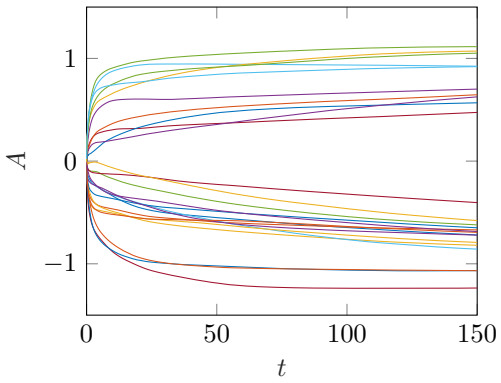


2.66 sim 4.25

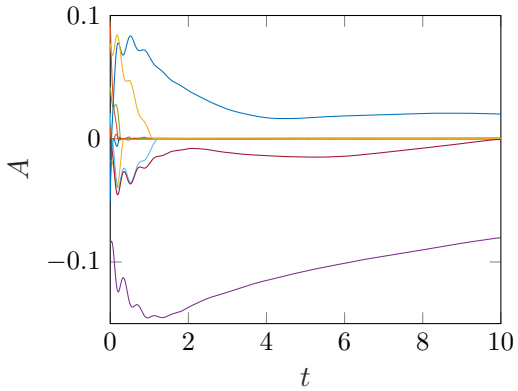
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$5.9391E-03$	00 : 44 : 35	150.00	8567	4.25

A	Nz	η	m	n	σ
1	25	25	90	512	0.0020

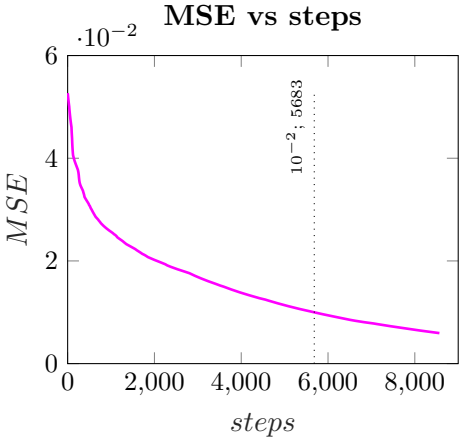
characteristics time(NZc)



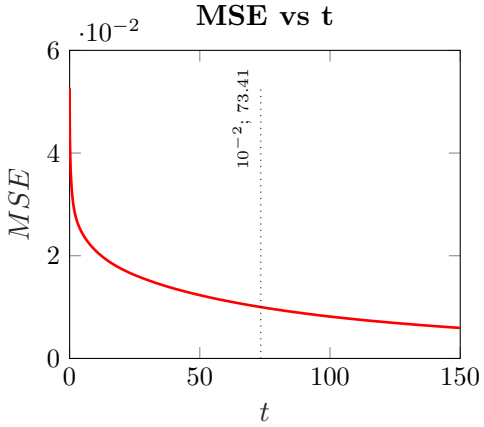
characteristics time(60 Zc)



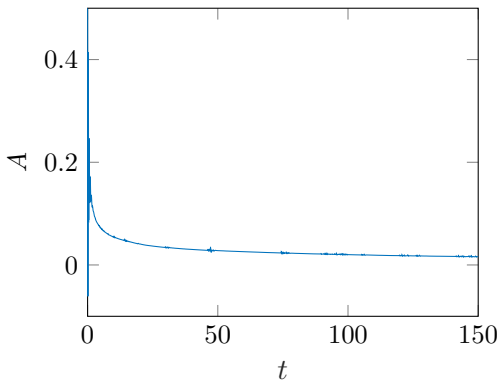
MSE vs steps



MSE vs t



λ

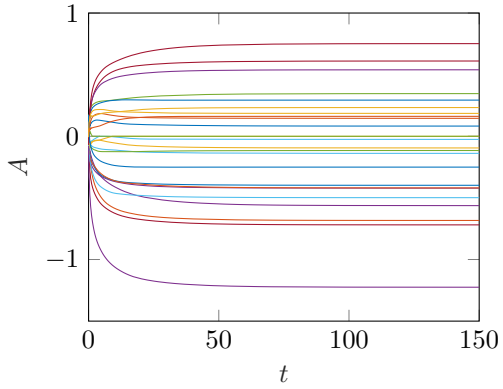


2.67 sim 4.18

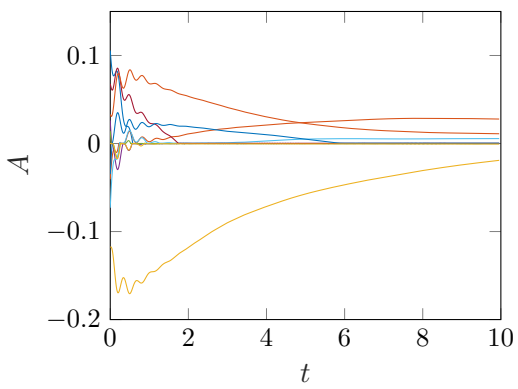
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$3.0753E-02$	00 : 15 : 15	150.00	2831	4.18

A	Nz	η	m	n	σ
1	25	25	100	512	0.0020

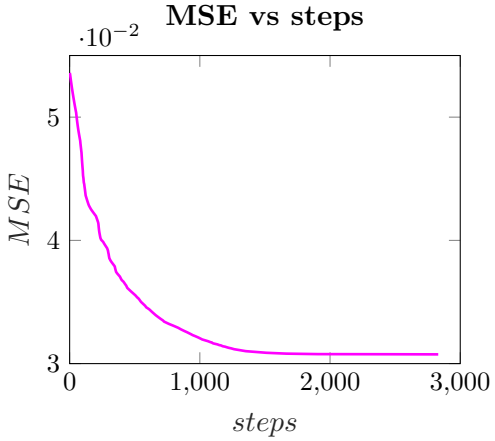
characteristics time(NZc)



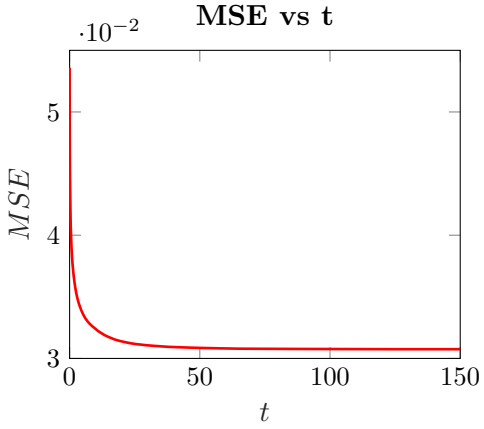
characteristics time(60 Zc)



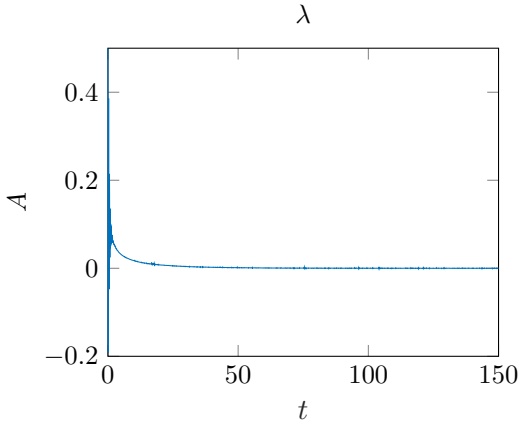
MSE vs steps



MSE vs t



λ

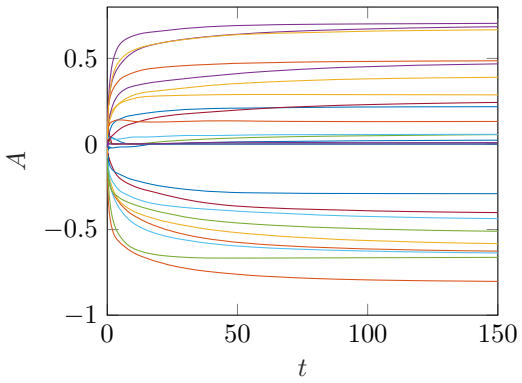


2.68 sim 4.19

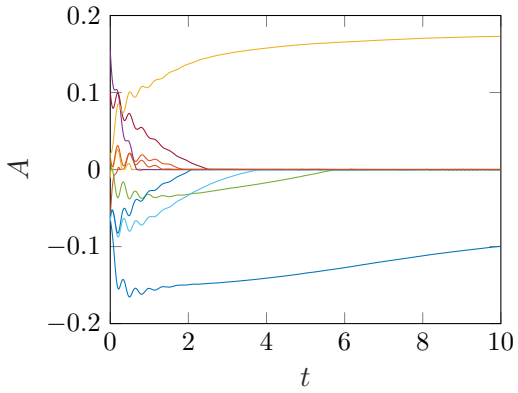
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.8401E-02$	00 : 16 : 21	150.00	2974	4.19

A	Nz	η	m	n	σ
1	25	25	110	512	0.0020

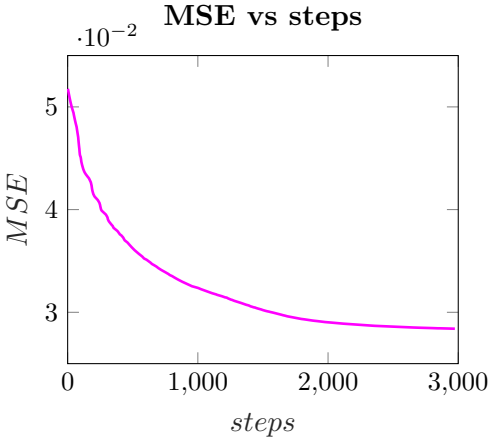
characteristics time(NZc)



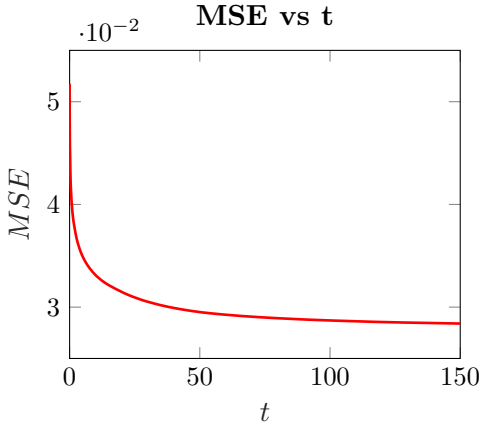
characteristics time(60 Zc)



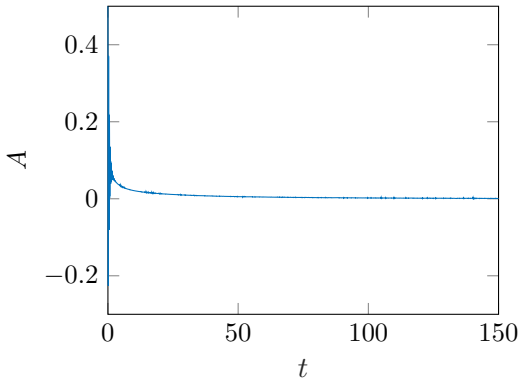
MSE vs steps



MSE vs t



λ

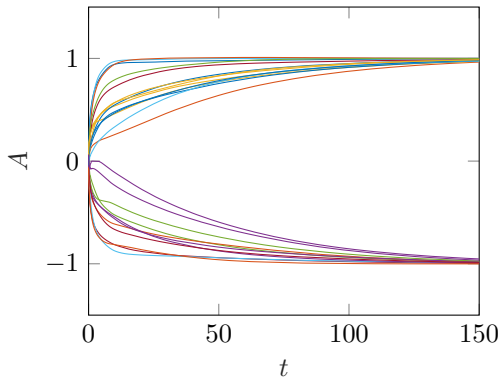


2.69 sim 4.20

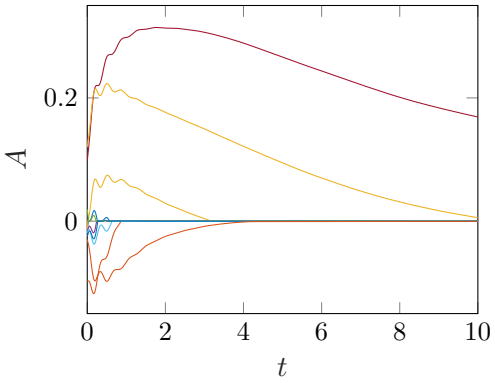
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.7536E-05$	00 : 37 : 23	150.00	7057	4.20

A	Nz	η	m	n	σ
1	25	25	120	512	0.0020

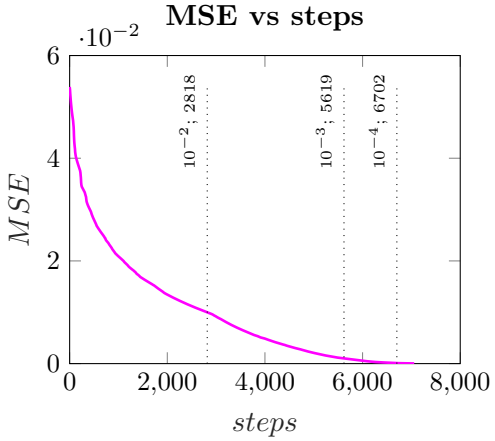
characteristics time(NZc)



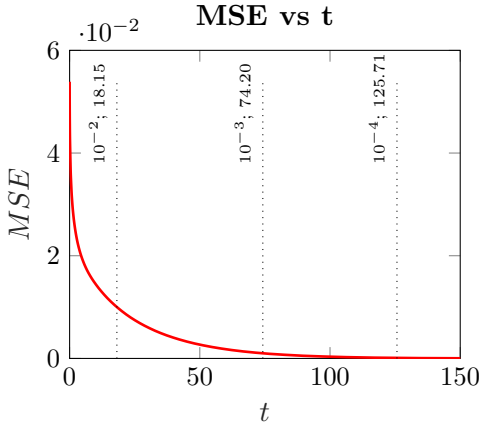
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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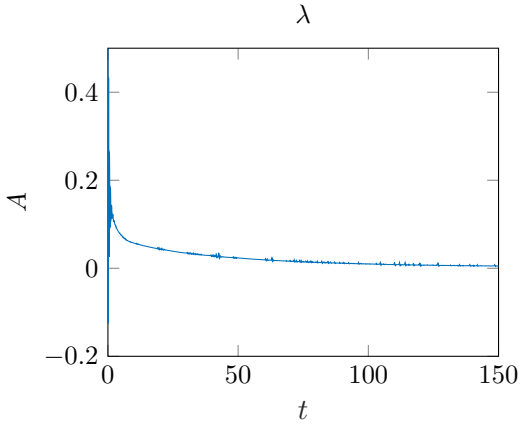
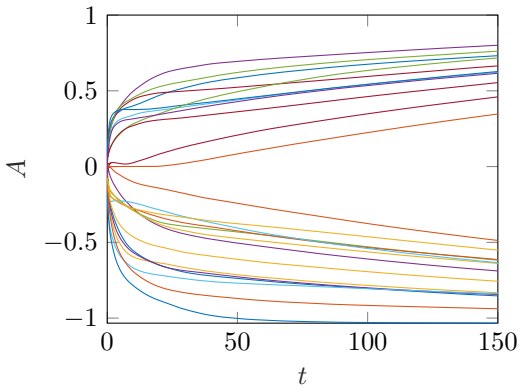


2.70 sim 4.21

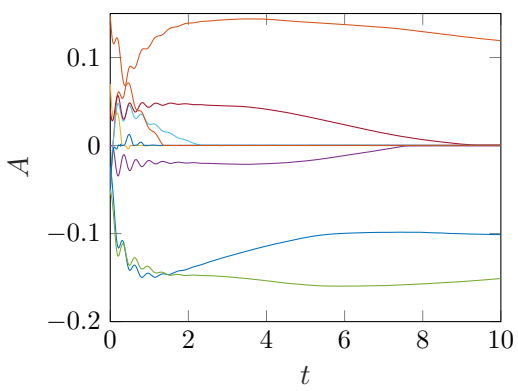
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$7.7386E-03$	00 : 37 : 32	150.00	7102	4.21

A	Nz	η	m	n	σ
1	25	25	130	512	0.0020

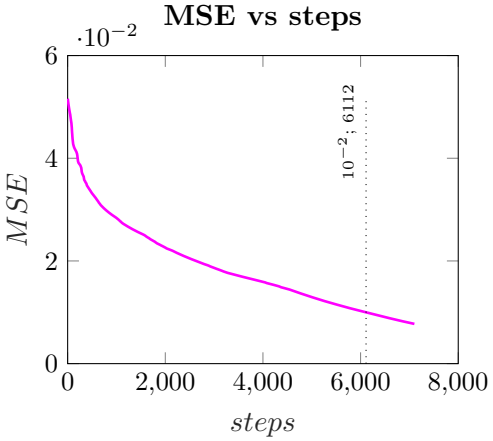
characteristics time(NZc)



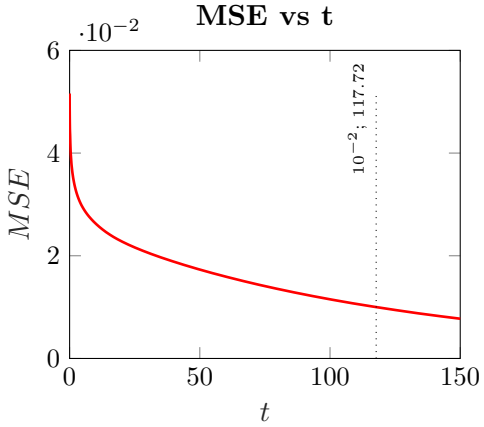
characteristics time(60 Zc)



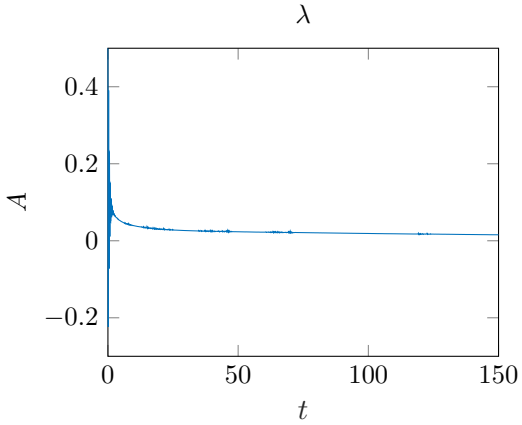
MSE vs steps



MSE vs t



λ

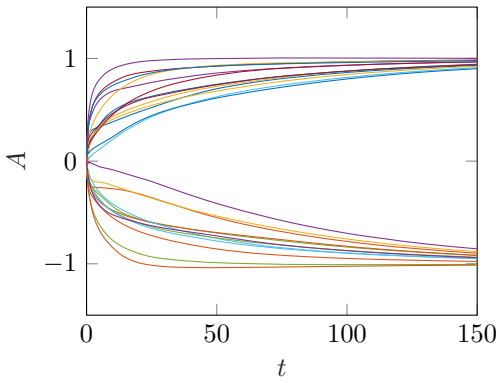


2.71 sim 4.22

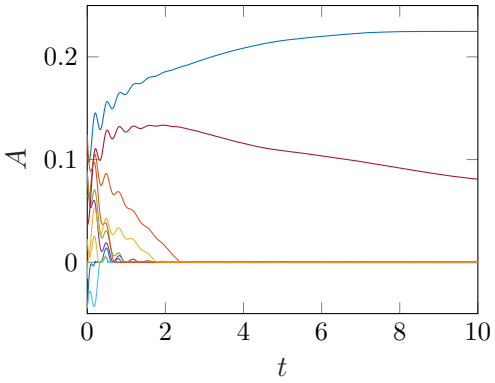
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.9185E-04$	00 : 34 : 28	150.00	6457	4.22

A	Nz	η	m	n	σ
1	25	25	140	512	0.0020

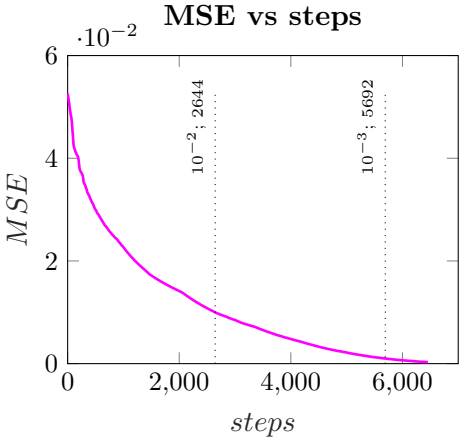
characteristics time(NZc)



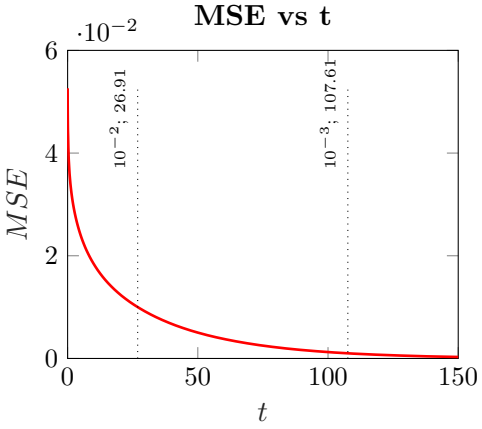
characteristics time(60 Zc)



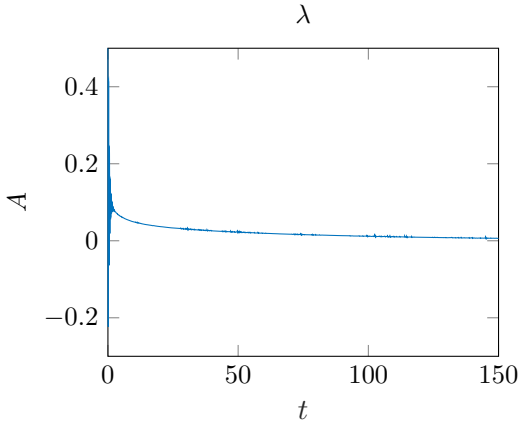
MSE vs steps



MSE vs t



λ

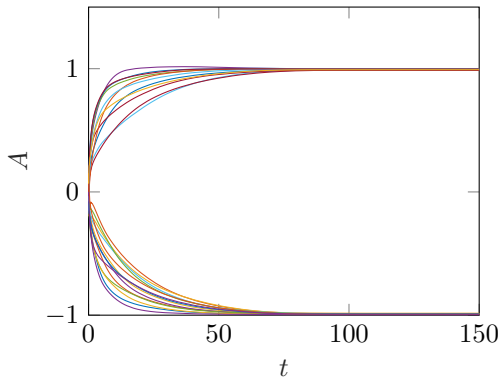


2.72 sim 4.23

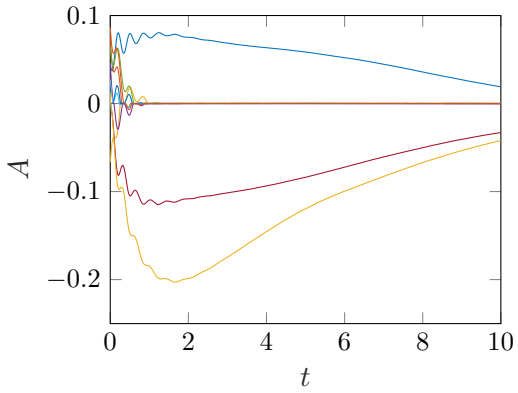
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$4.1558E-06$	00 : 24 : 07	150.00	4494	4.23

A	Nz	η	m	n	σ
1	25	25	150	512	0.0020

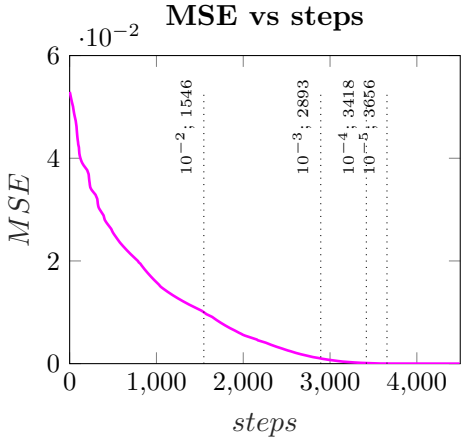
characteristics time(NZc)



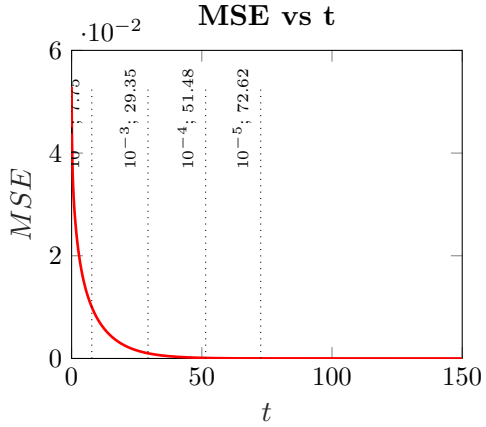
characteristics time(60 Zc)



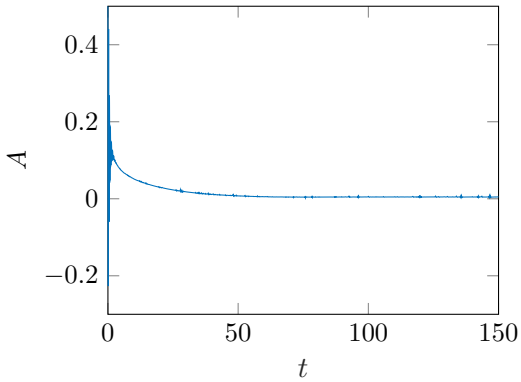
MSE vs steps



MSE vs t



λ

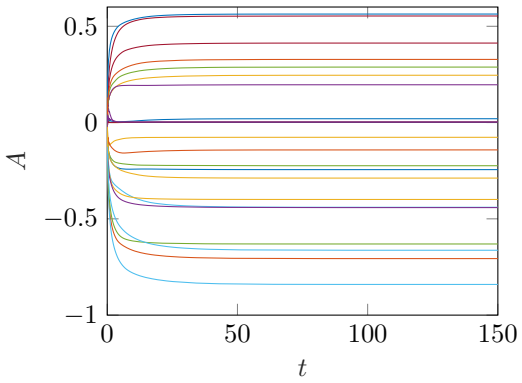


2.73 sim 4.149

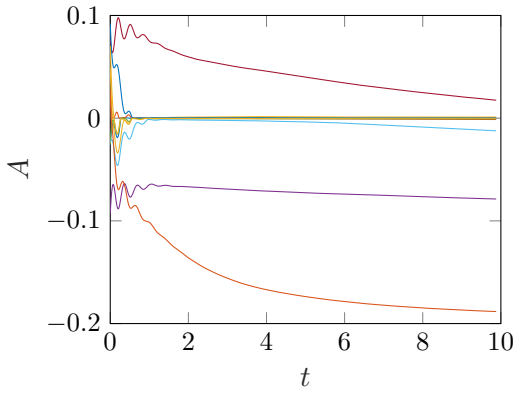
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$3.2724E-02$	00 : 11 : 35	150.00	2047	4.149

A	Nz	η	m	n	σ
1	25	25	80	512	0.0200

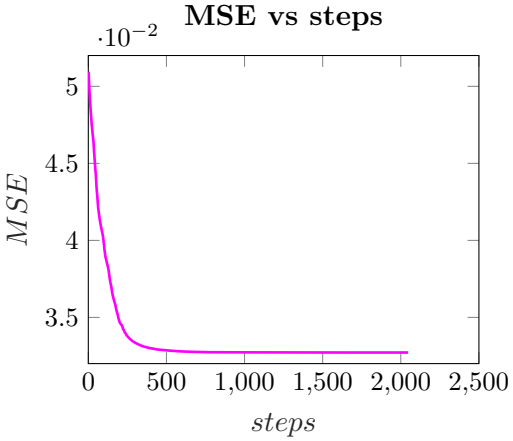
characteristics time(NZc)



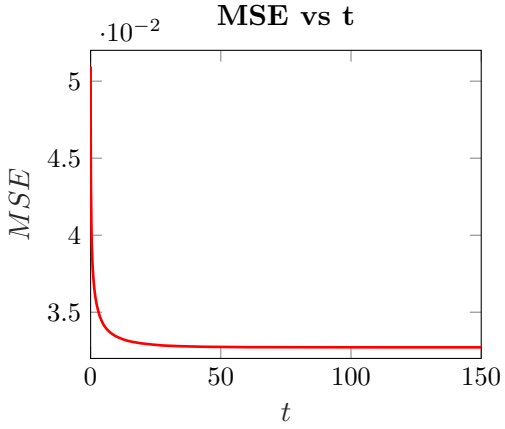
characteristics time(60 Zc)



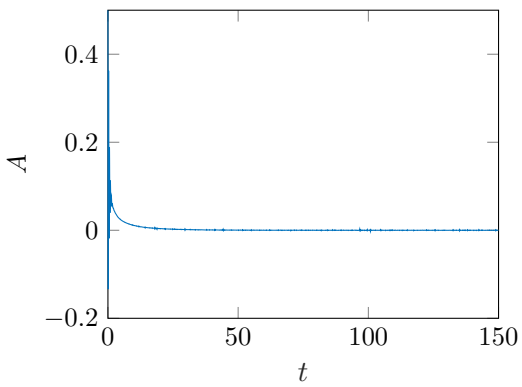
MSE vs steps



MSE vs t



λ

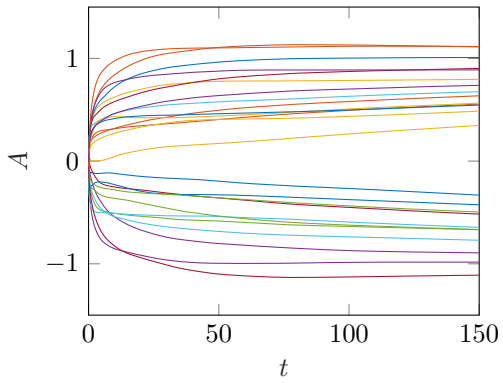


2.74 sim 4.150

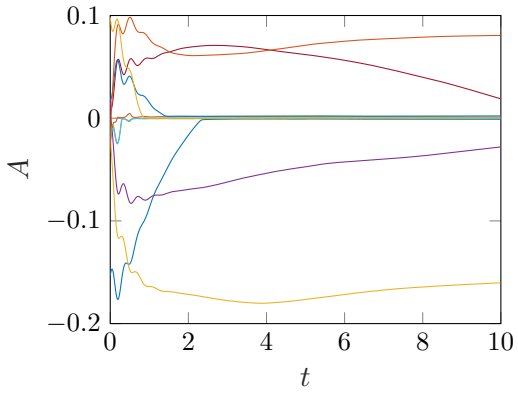
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$9.3374E-03$	00 : 14 : 17	150.00	2555	4.150

A	Nz	η	m	n	σ
1	25	25	90	512	0.0200

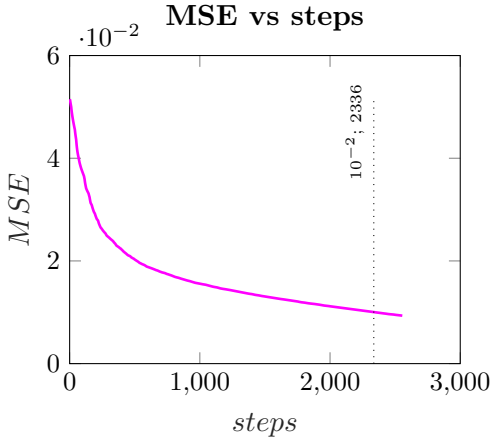
characteristics time(NZc)



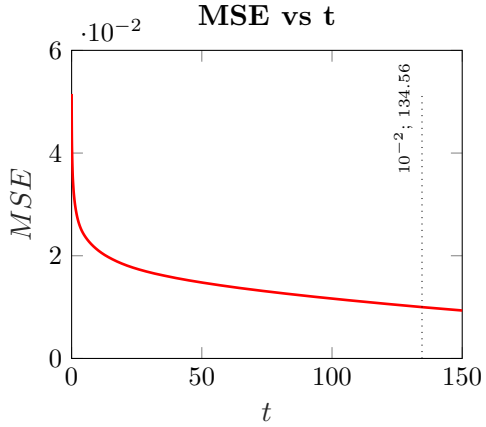
characteristics time(60 Zc)



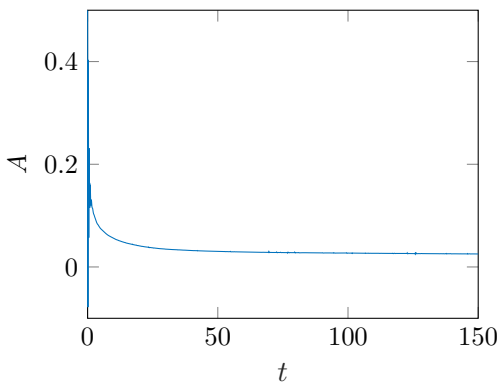
MSE vs steps



MSE vs t



λ

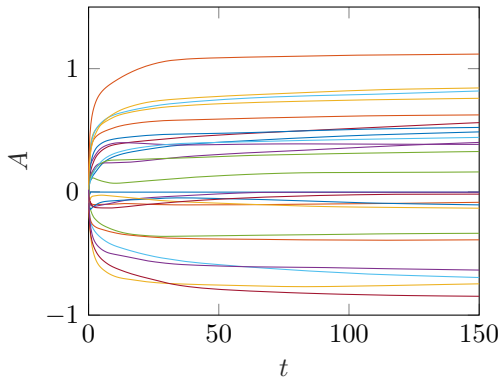


2.75 sim 4.143

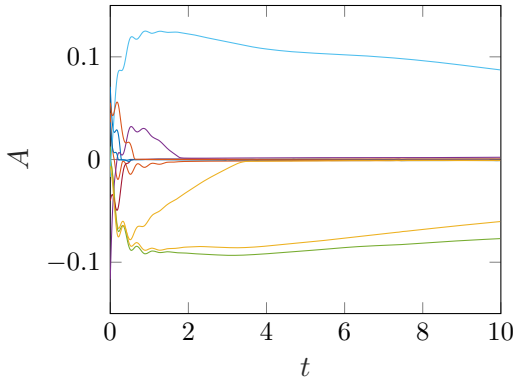
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$2.6011E-02$	00 : 11 : 05	150.00	1987	4.143

A	Nz	η	m	n	σ
1	25	25	100	512	0.0200

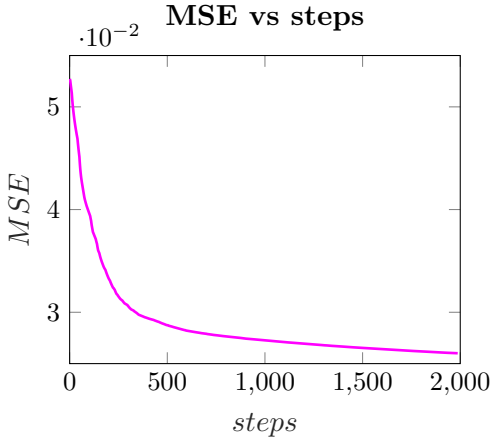
characteristics time(NZc)



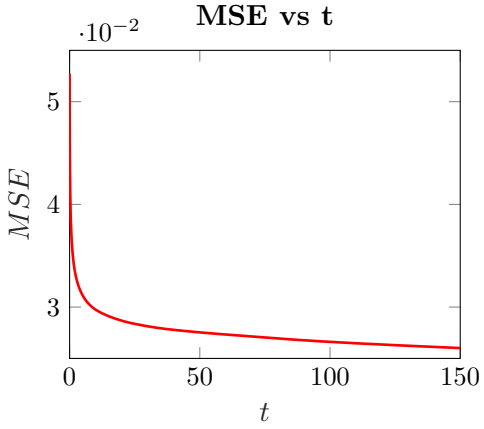
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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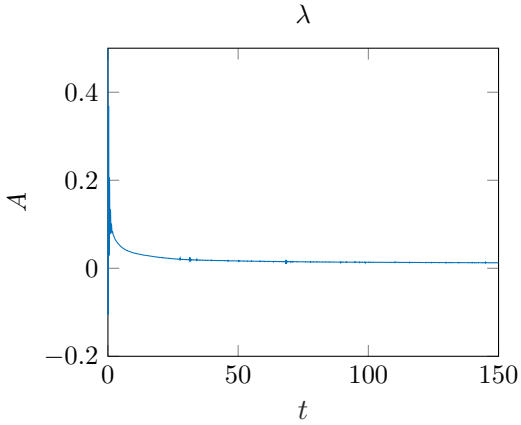
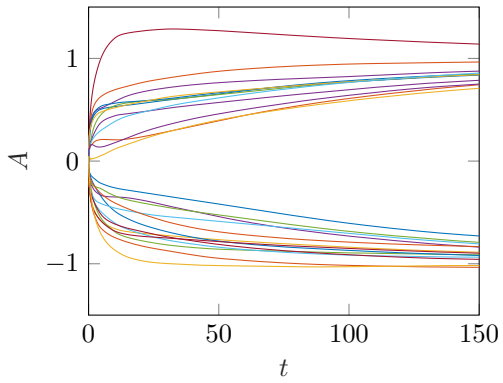


2.76 sim 4.144

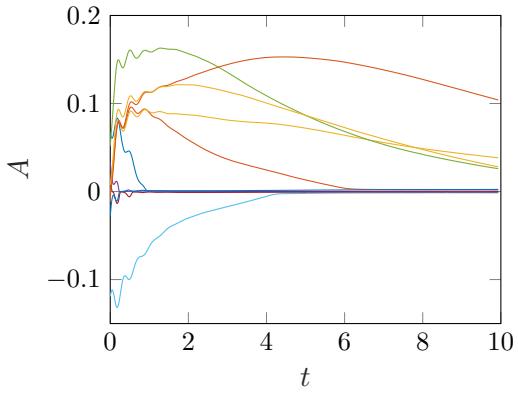
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.6733E-03$	00 : 12 : 31	150.00	2260	4.144

A	Nz	η	m	n	σ
1	25	25	110	512	0.0200

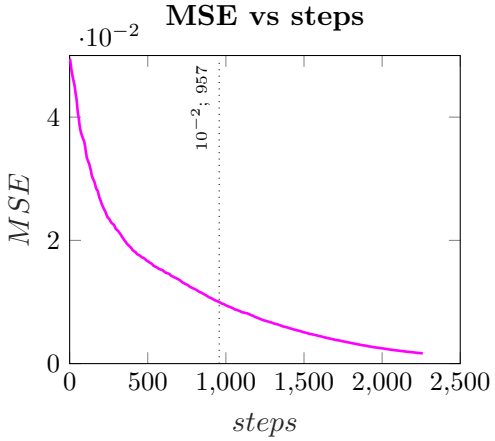
characteristics time(NZc)



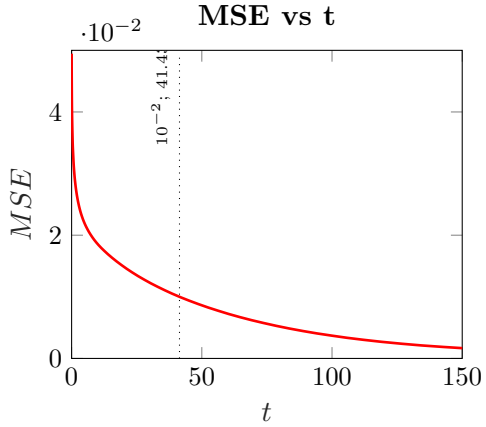
characteristics time(60 Zc)



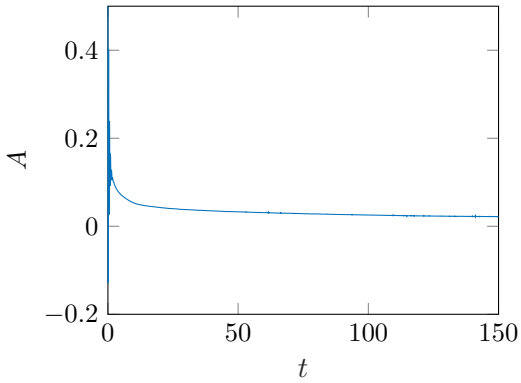
MSE vs steps



MSE vs t



λ

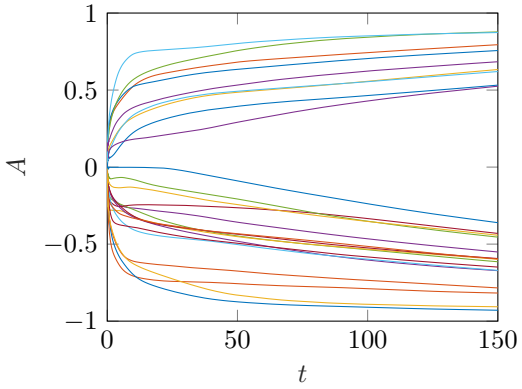


2.77 sim 4.145

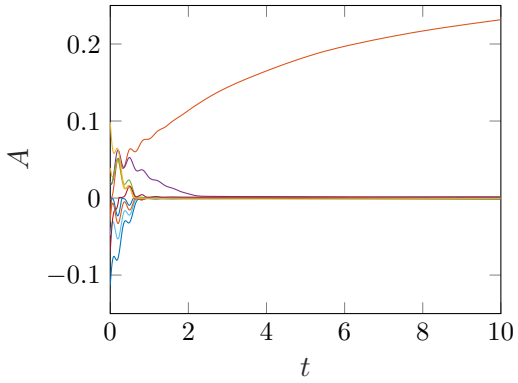
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$9.6481E-03$	00 : 11 : 26	150.00	2064	4.145

A	Nz	η	m	n	σ
1	25	25	120	512	0.0200

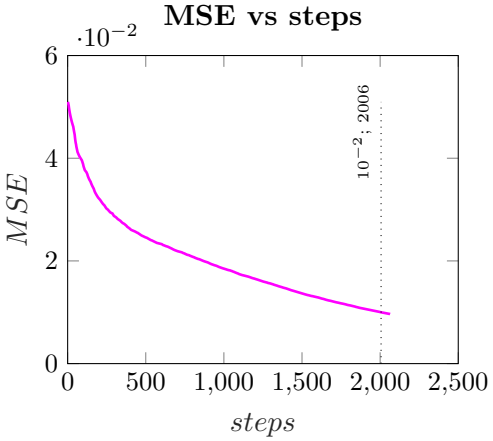
characteristics time(NZc)



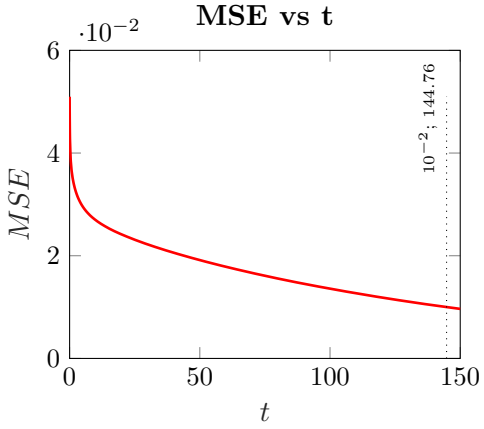
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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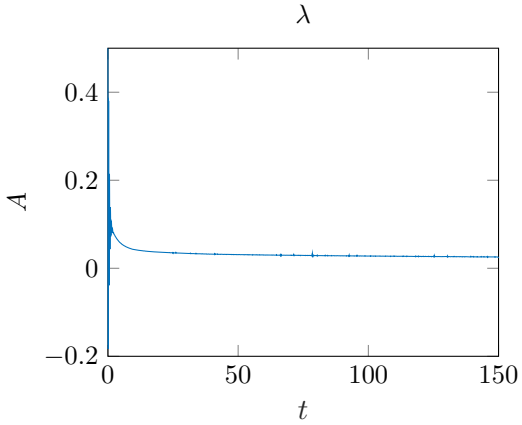
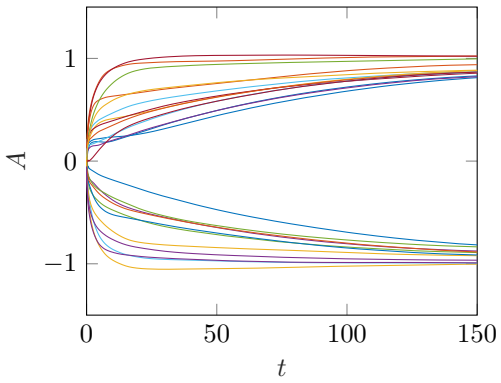


2.78 sim 4.146

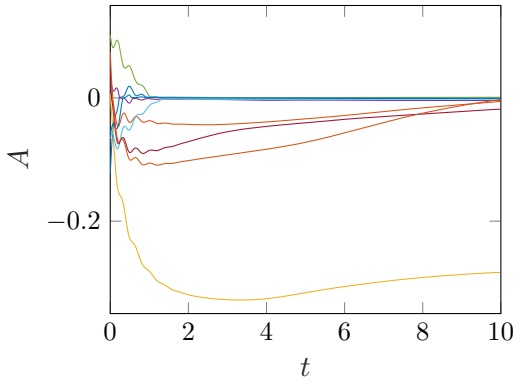
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$8.1350E-04$	00 : 11 : 31	150.00	2071	4.146

A	Nz	η	m	n	σ
1	25	25	130	512	0.0200

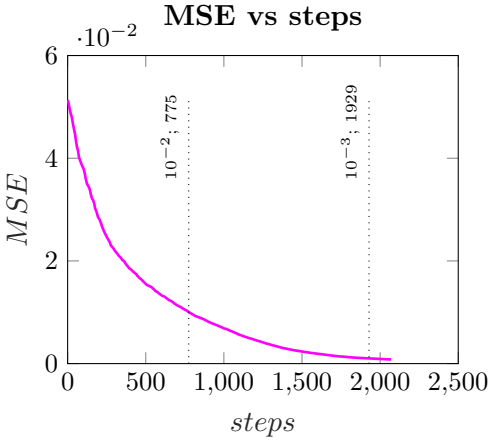
characteristics time(NZc)



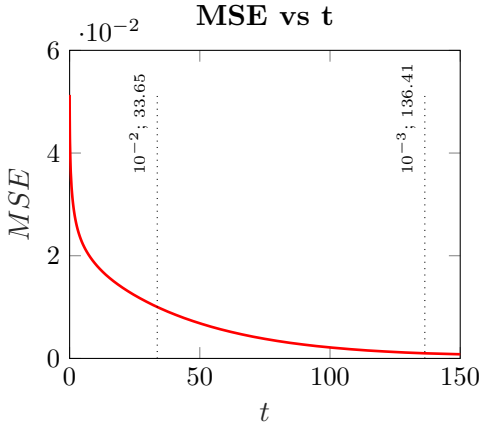
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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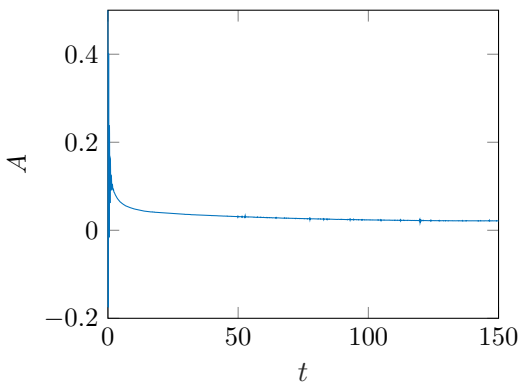
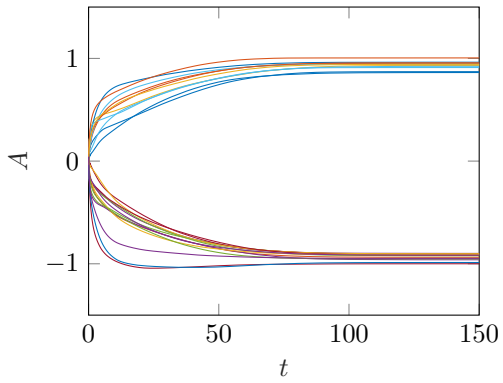


2.79 sim 4.147

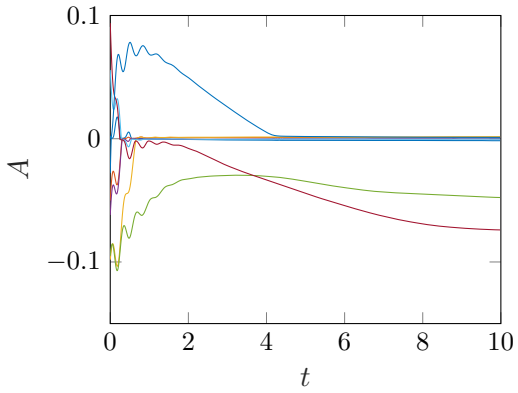
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$3.3771E-04$	00 : 12 : 36	150.00	2286	4.147

A	Nz	η	m	n	σ
1	25	25	140	512	0.0200

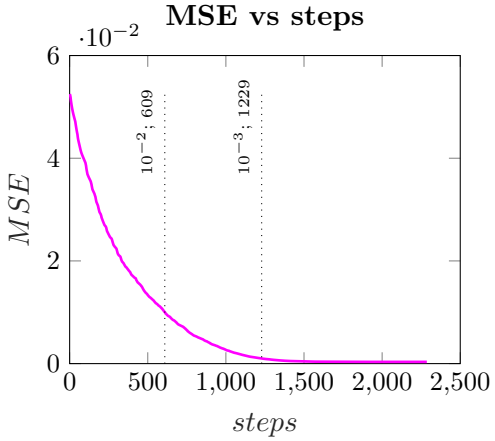
characteristics time(NZc)



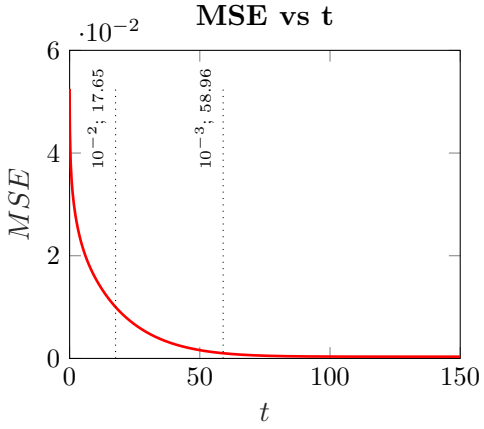
characteristics time(60 Zc)



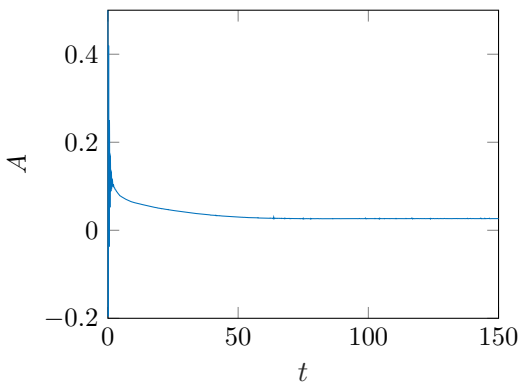
MSE vs steps



MSE vs t



λ

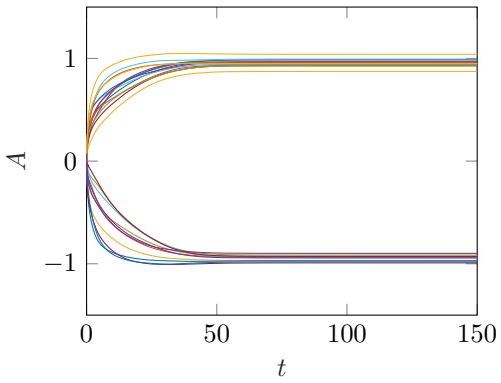


2.80 sim 4.148

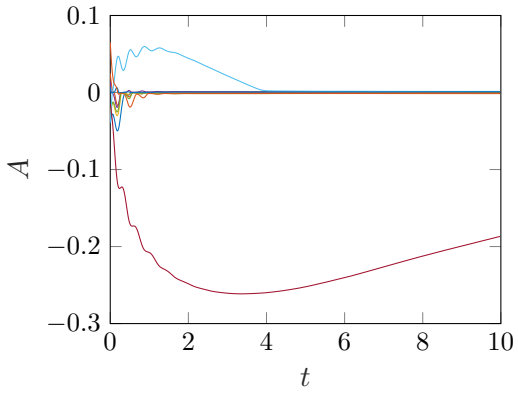
k	ϕ	MSE	ExTime	t_{max}	steps	id
1000	U	$1.9166E-04$	00 : 14 : 12	150.00	2553	4.148

A	Nz	η	m	n	σ
1	25	25	150	512	0.0200

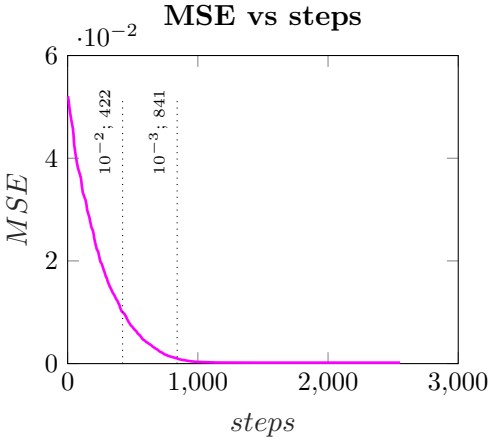
characteristics time(NZc)



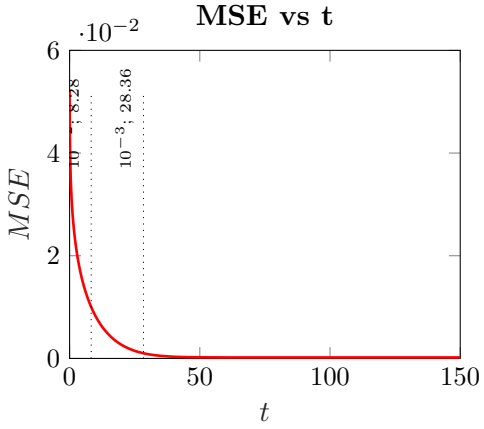
characteristics time(60 Zc)



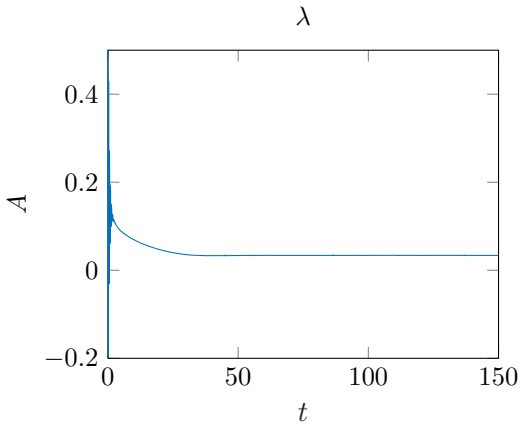
MSE vs steps



MSE vs t



λ

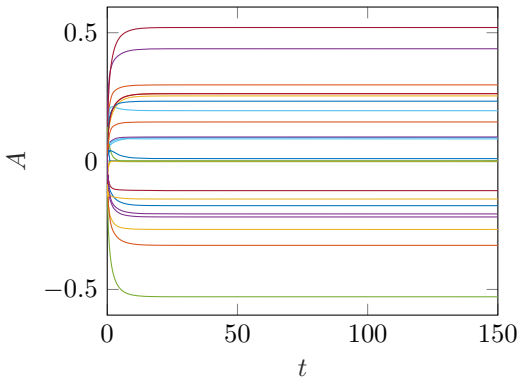


2.81 sim 4.136

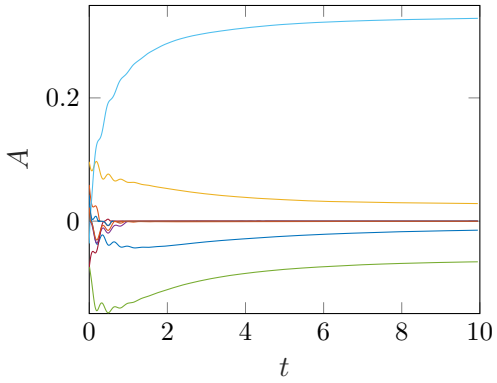
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.9395E-02$	00 : 13 : 19	150.00	2343	4.136

A	Nz	η	m	n	σ
1	25	25	80	512	0.0200

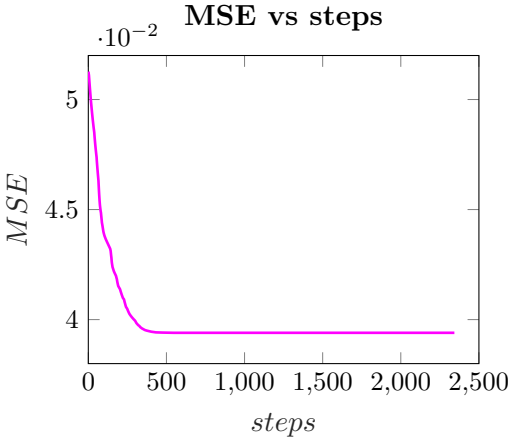
characteristics time(NZc)



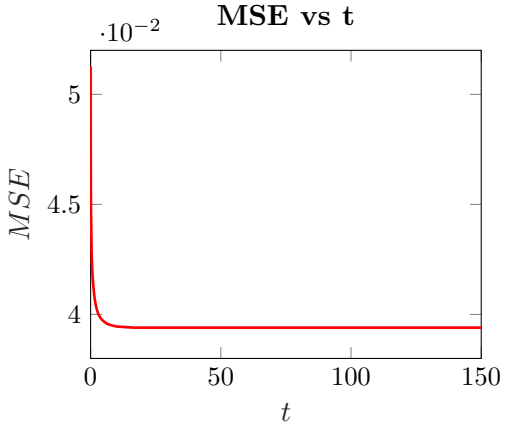
characteristics time(60 Zc)



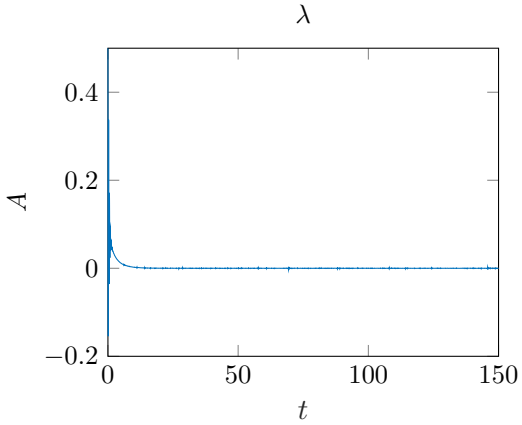
MSE vs steps



MSE vs t



λ

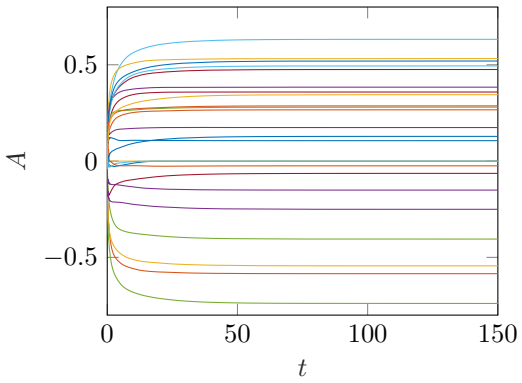


2.82 sim 4.137

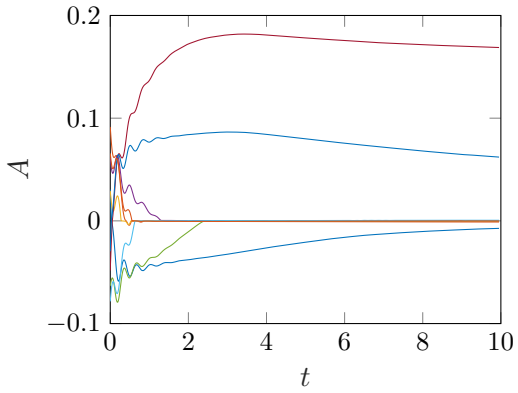
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.2592E-02$	00 : 12 : 37	150.00	2256	4.137

A	Nz	η	m	n	σ
1	25	25	90	512	0.0200

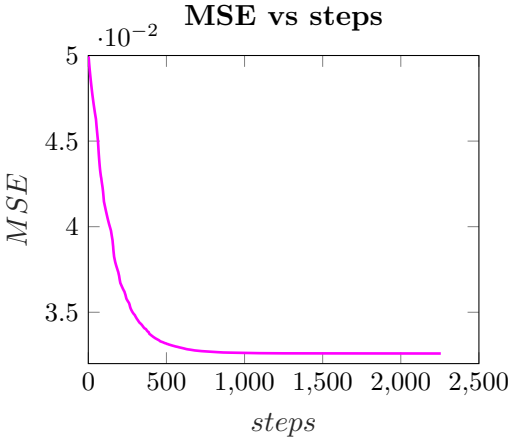
characteristics time(NZc)



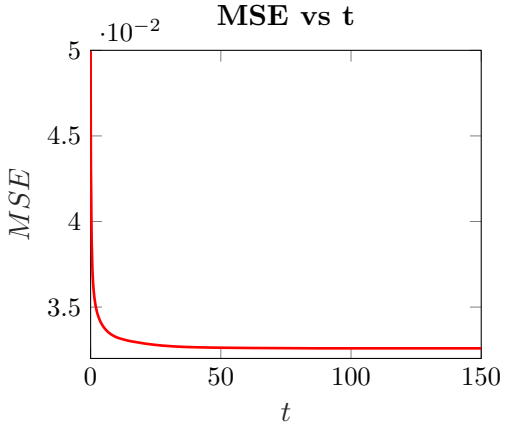
characteristics time(60 Zc)



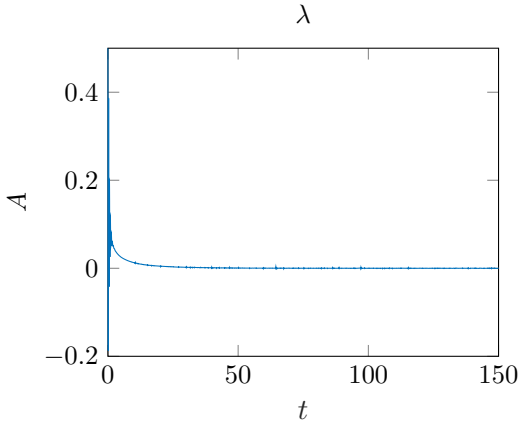
MSE vs steps



MSE vs t



λ

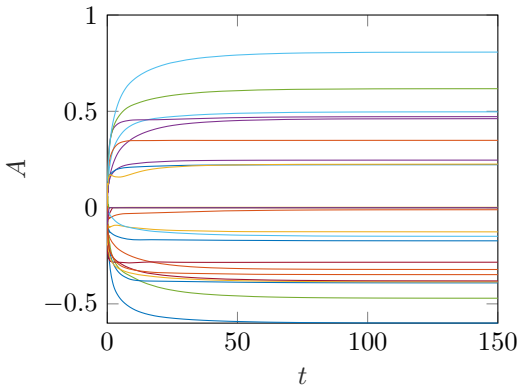


2.83 sim 4.130

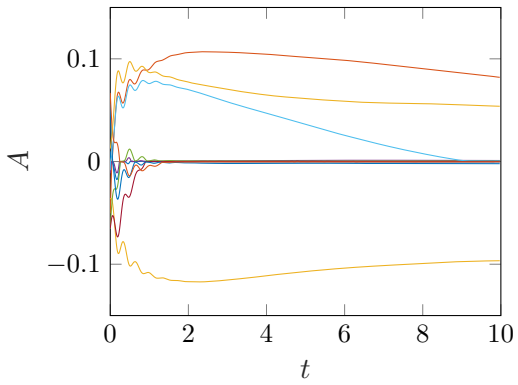
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$3.2556E-02$	00 : 13 : 26	150.00	2350	4.130

A	Nz	η	m	n	σ
1	25	25	100	512	0.0200

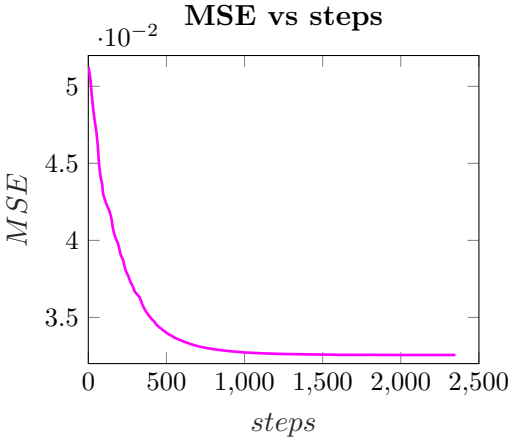
characteristics time(NZc)



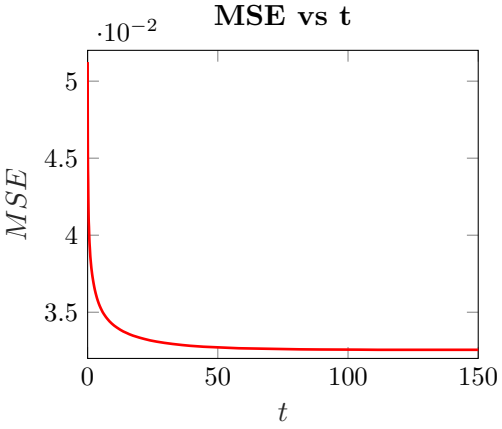
characteristics time(60 Zc)



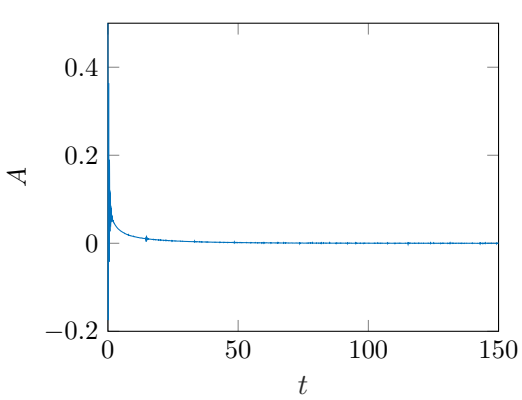
MSE vs steps



MSE vs t



λ

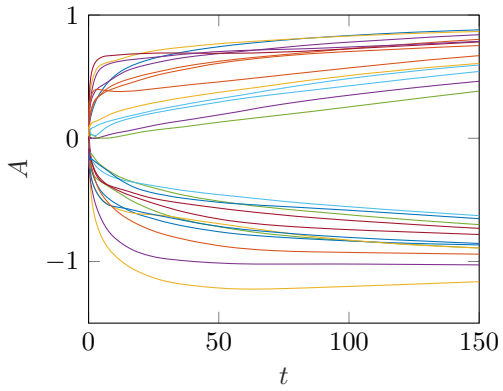


2.84 sim 4.131

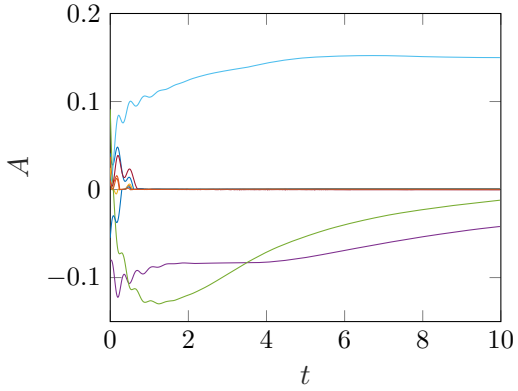
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$5.5361E-03$	00 : 23 : 29	150.00	4223	4.131

A	Nz	η	m	n	σ
1	25	25	110	512	0.0200

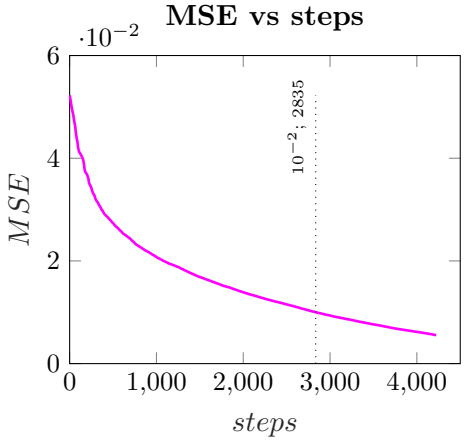
characteristics time(NZc)



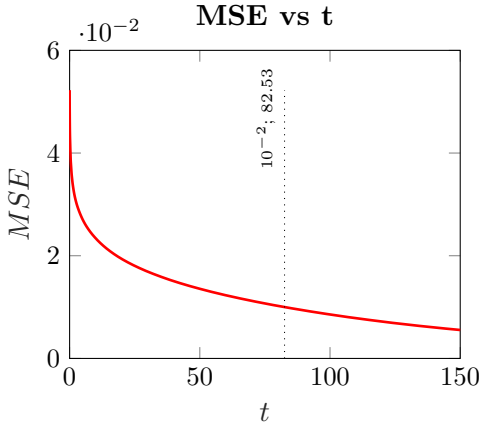
characteristics time(60 Zc)



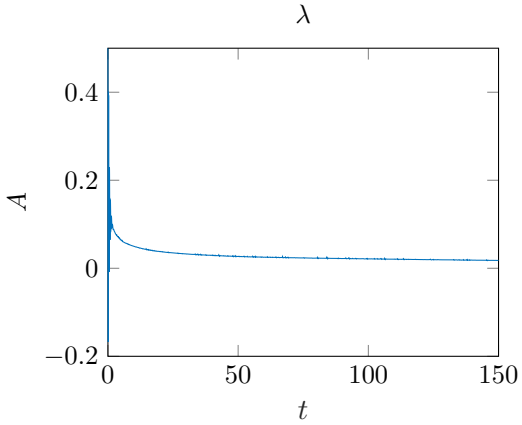
MSE vs steps



MSE vs t



λ

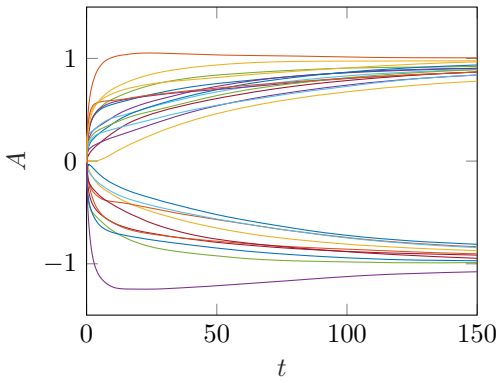


2.85 sim 4.132

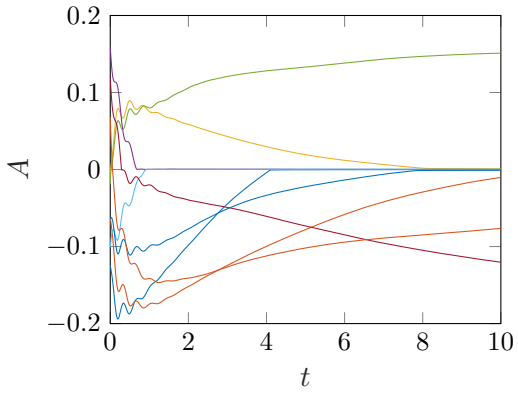
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$8.7281E-04$	00 : 24 : 51	150.00	4422	4.132

A	Nz	η	m	n	σ
1	25	25	120	512	0.0200

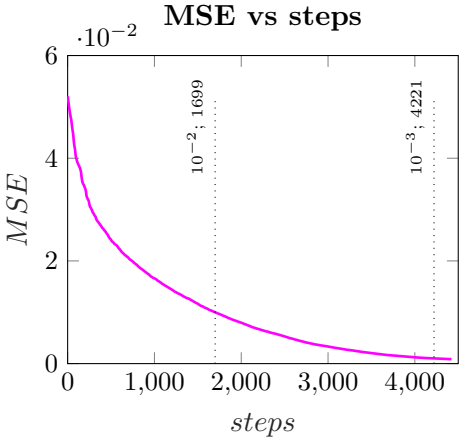
characteristics time(NZc)



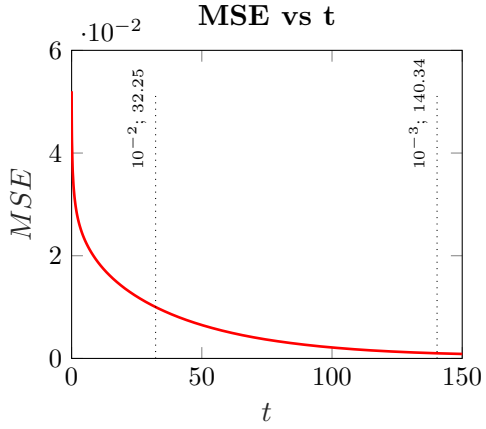
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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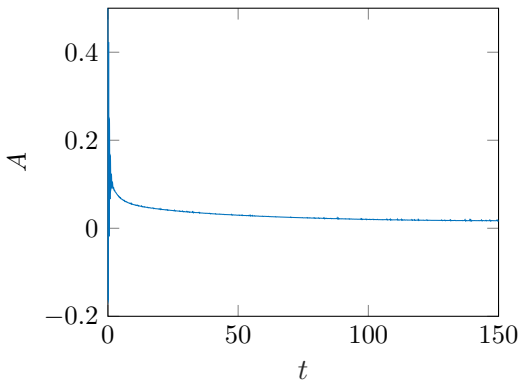
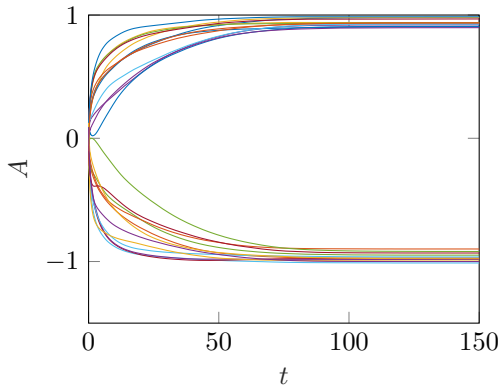


2.86 sim 4.133

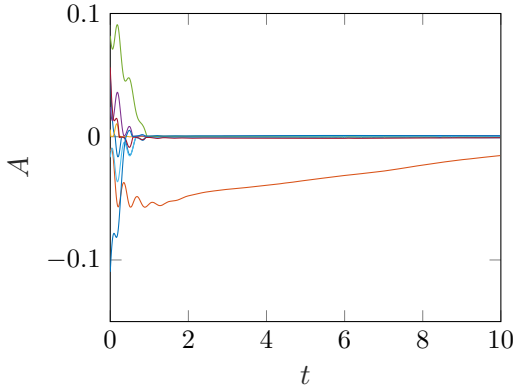
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$2.2547E-04$	00 : 25 : 26	150.00	4493	4.133

A	Nz	η	m	n	σ
1	25	25	130	512	0.0200

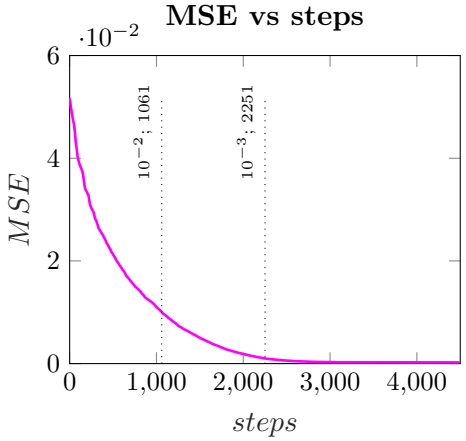
characteristics time(NZc)



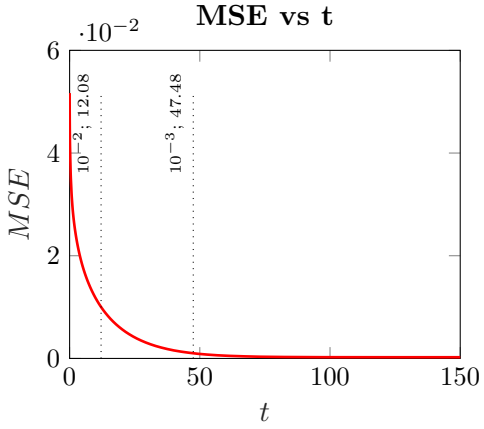
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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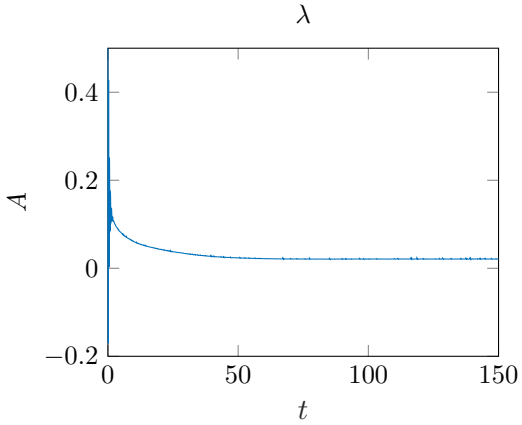
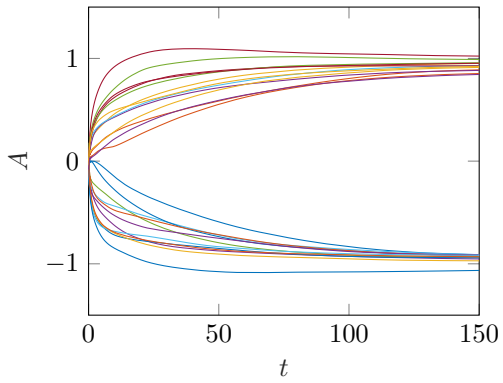


2.87 sim 4.134

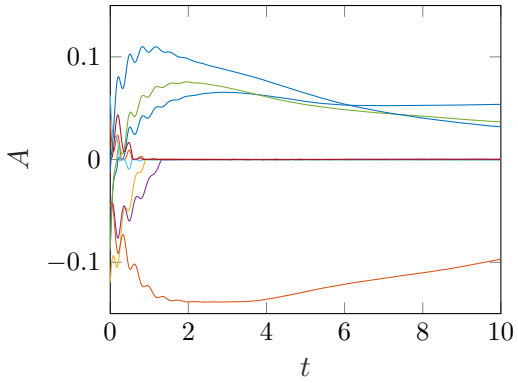
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$4.1474E-04$	00 : 21 : 39	150.00	3850	4.134

A	Nz	η	m	n	σ
1	25	25	140	512	0.0200

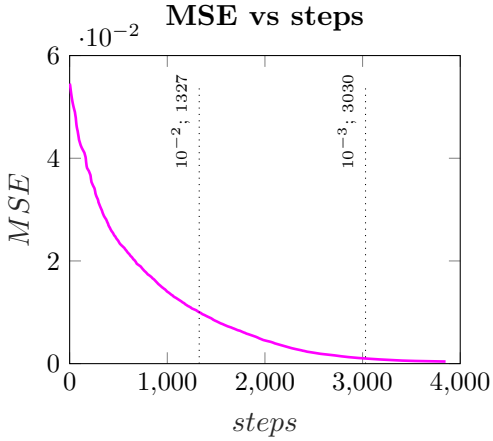
characteristics time(NZc)



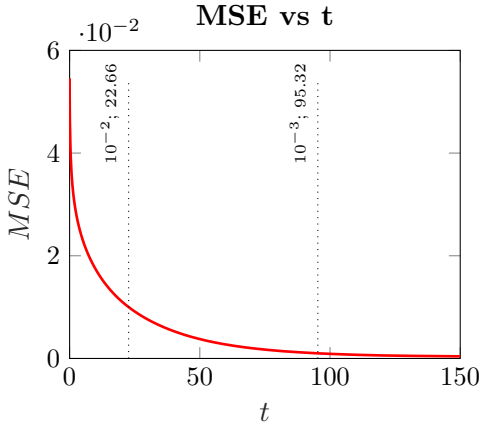
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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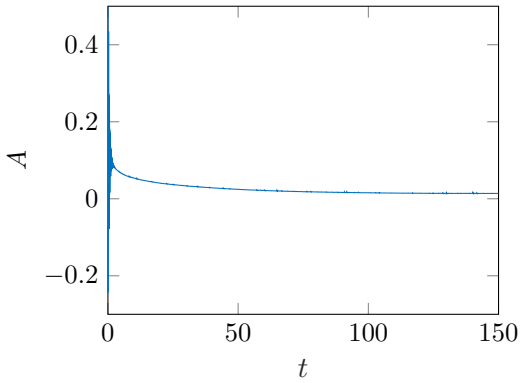
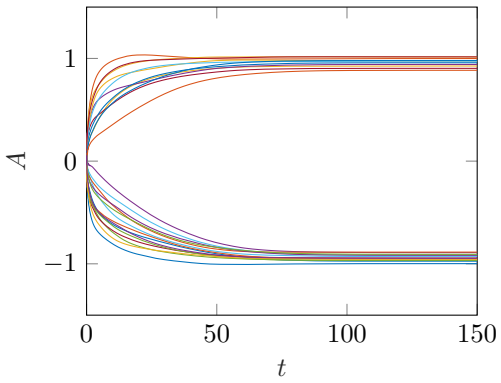


2.88 sim 4.135

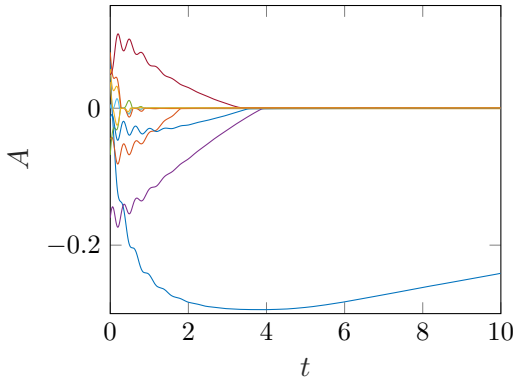
k	ϕ	MSE	ExTime	t_{max}	steps	id
2500	U	$2.4462E-04$	00 : 24 : 35	150.00	4327	4.135

A	Nz	η	m	n	σ
1	25	25	150	512	0.0200

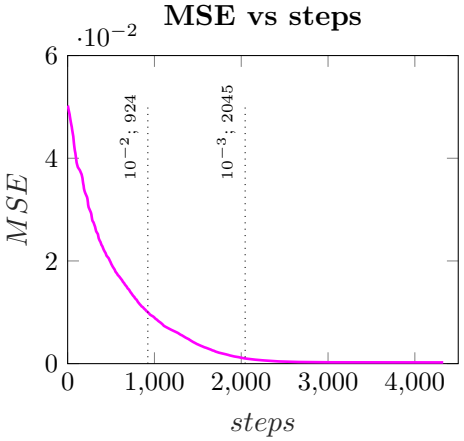
characteristics time(NZc)



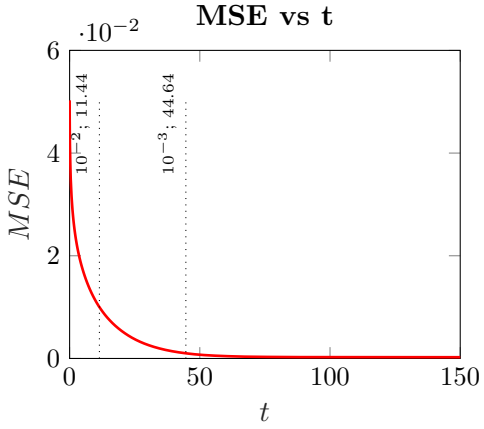
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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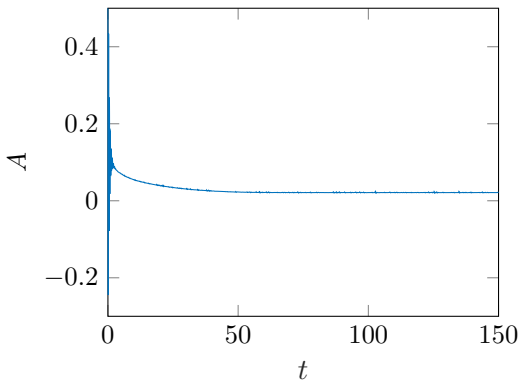
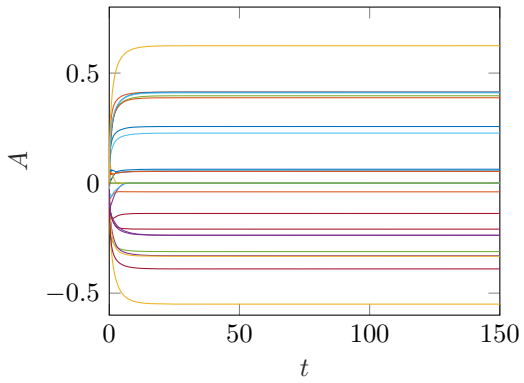


2.89 sim 4.124

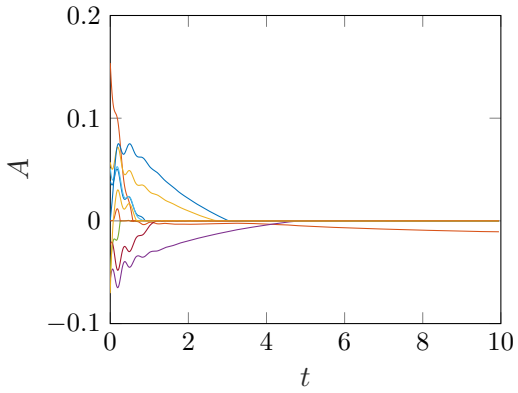
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$3.5932E-02$	00 : 14 : 32	150.00	2565	4.124

A	Nz	η	m	n	σ
1	25	25	80	512	0.0200

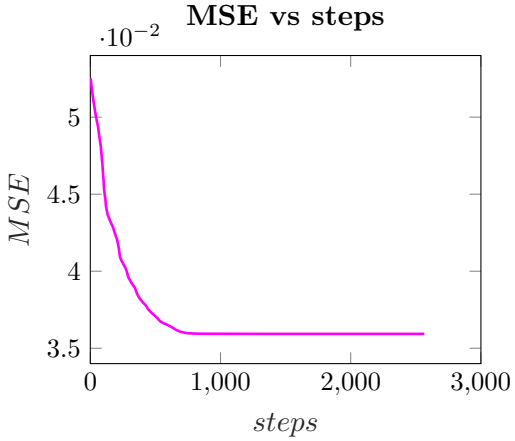
characteristics time(NZc)



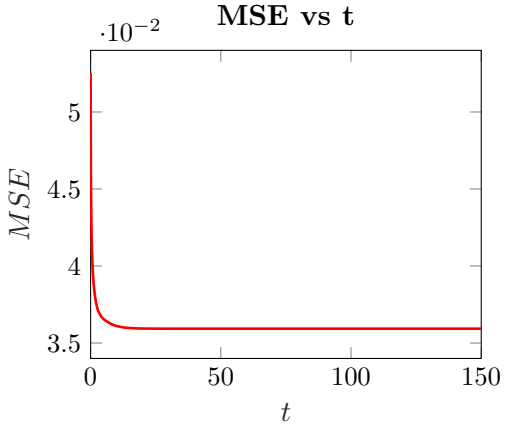
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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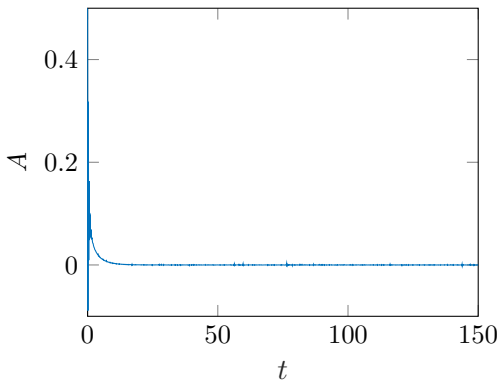
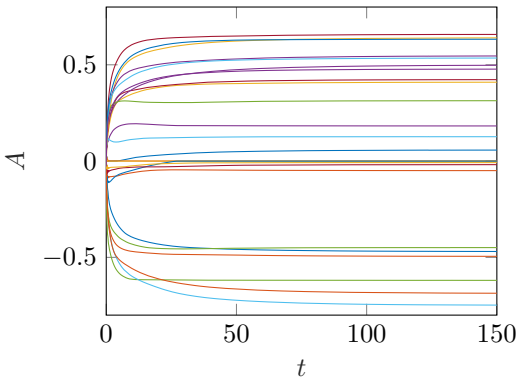


2.90 sim 4.125

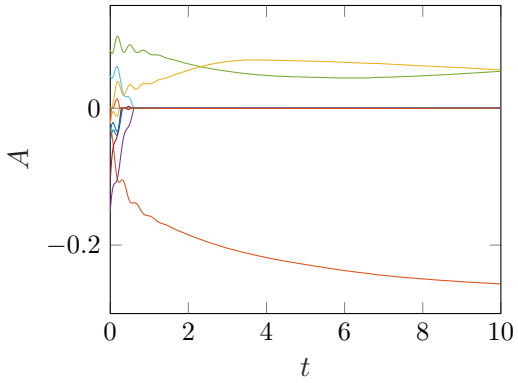
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$3.0071E-02$	00 : 15 : 49	150.00	2869	4.125

A	Nz	η	m	n	σ
1	25	25	90	512	0.0200

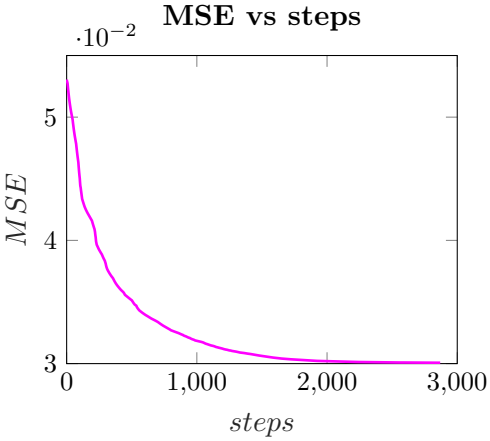
characteristics time(NZc)



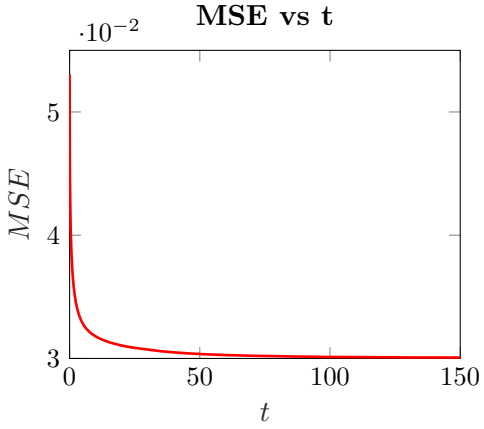
characteristics time(60 Zc)



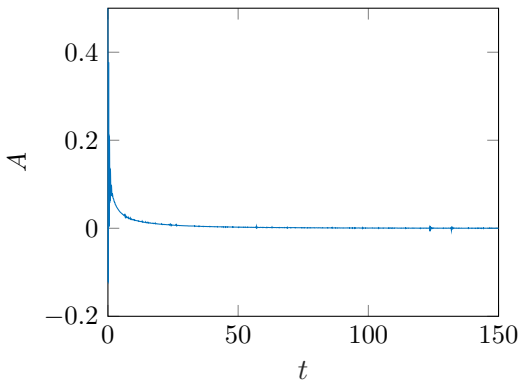
MSE vs steps



MSE vs t



λ

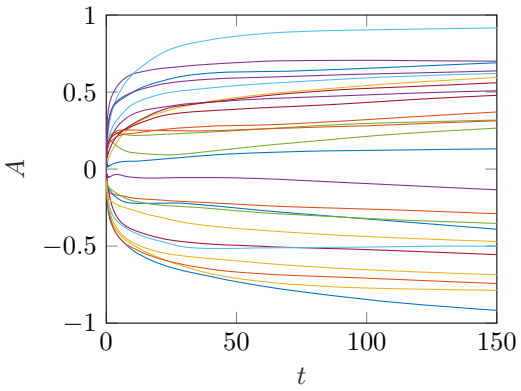


2.91 sim 4.118

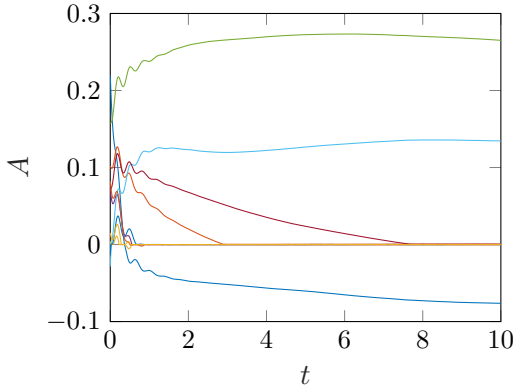
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.8789E-02$	00 : 30 : 54	150.00	5798	4.118

A	Nz	η	m	n	σ
1	25	25	100	512	0.0200

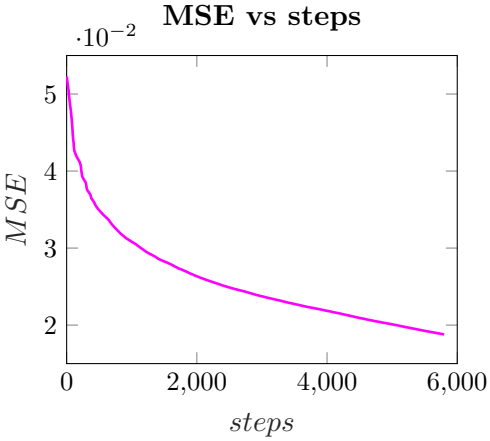
characteristics time(NZc)



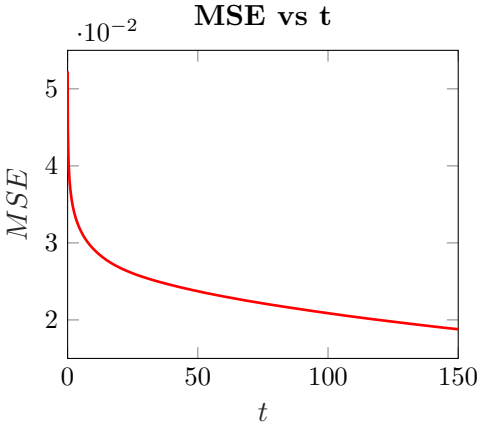
characteristics time(60 Zc)



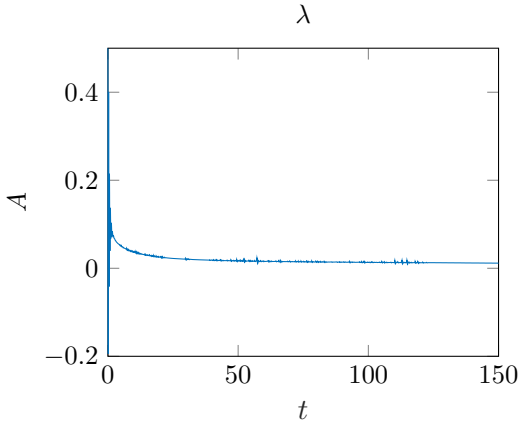
MSE vs steps



MSE vs t



λ

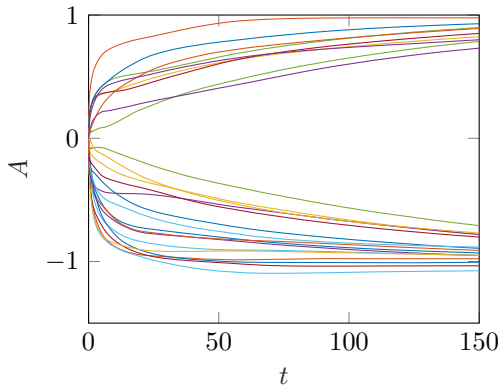


2.92 sim 4.119

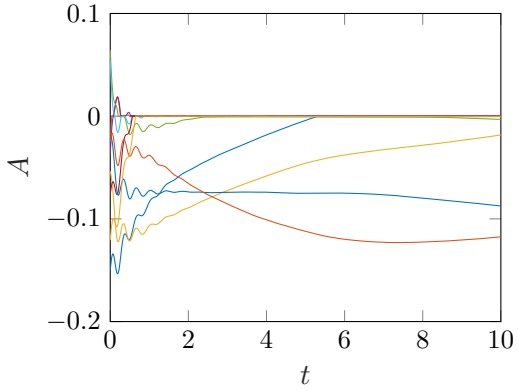
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.4839E-03$	00 : 43 : 38	150.00	8368	4.119

A	Nz	η	m	n	σ
1	25	25	110	512	0.0200

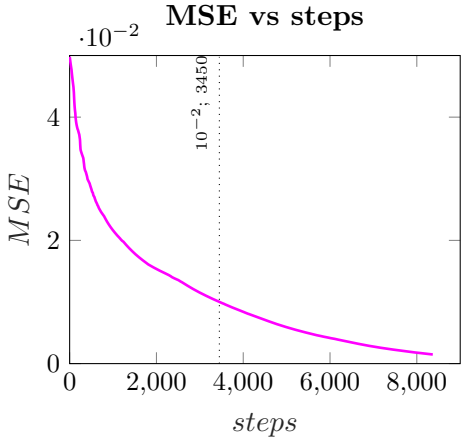
characteristics time(NZc)



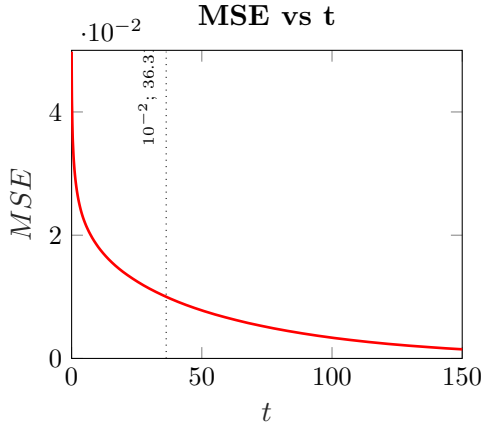
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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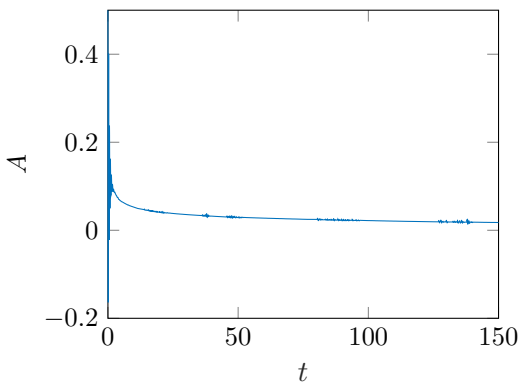
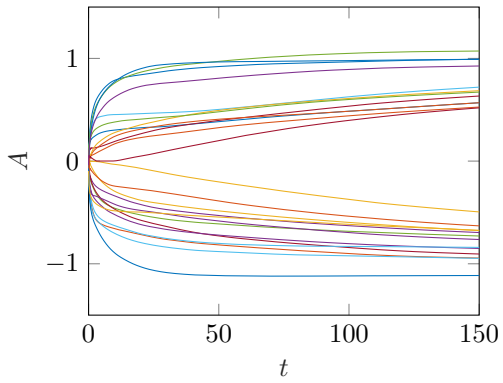


2.93 sim 4.120

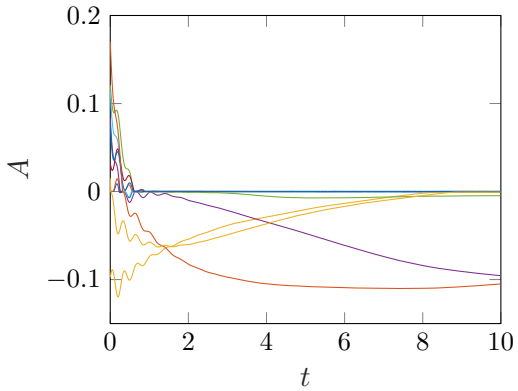
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$5.5903E-03$	00 : 35 : 23	150.00	6624	4.120

A	Nz	η	m	n	σ
1	25	25	120	512	0.0200

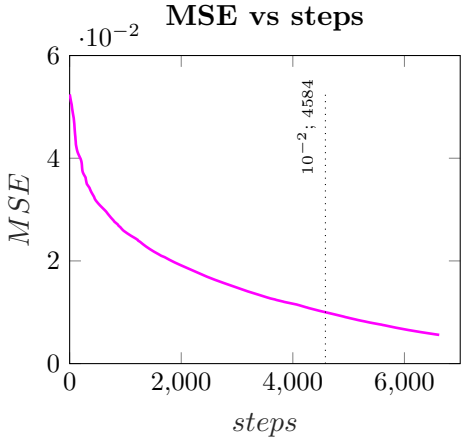
characteristics time(NZc)



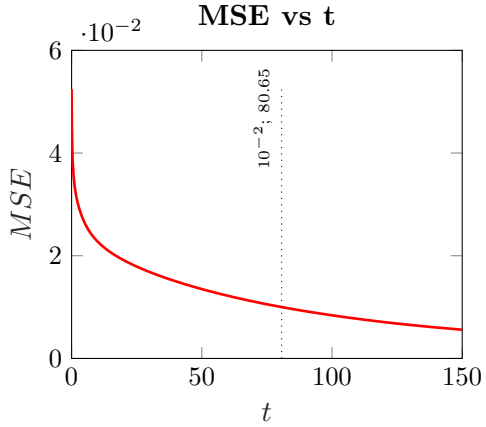
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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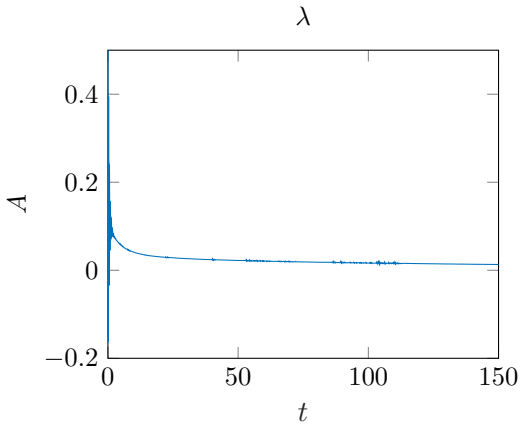
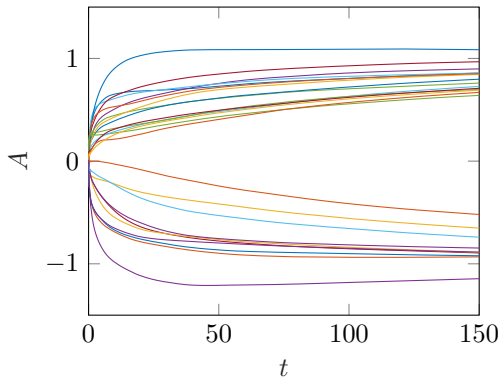


2.94 sim 4.121

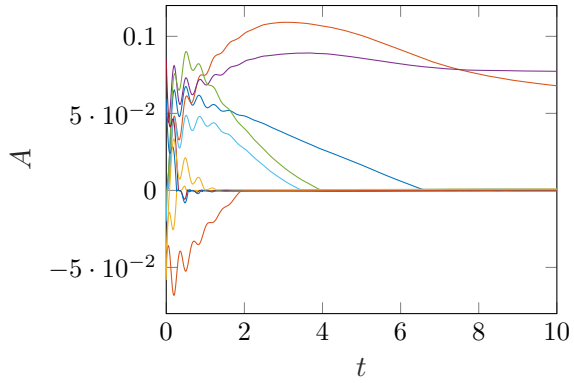
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$3.2871E-03$	00 : 35 : 08	150.00	6616	4.121

A	Nz	η	m	n	σ
1	25	25	130	512	0.0200

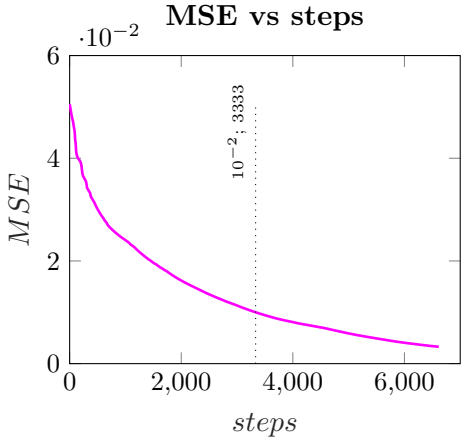
characteristics time(NZc)



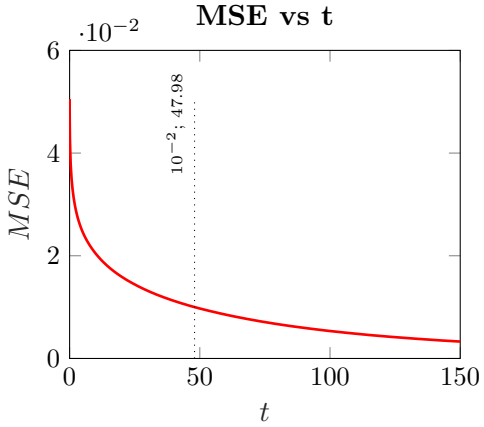
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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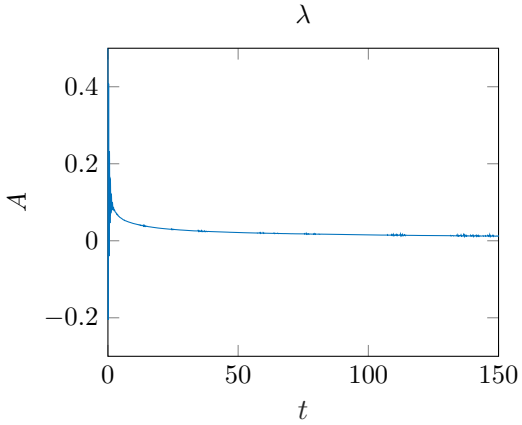
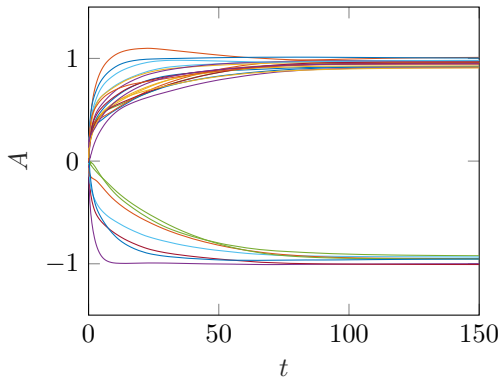


2.95 sim 4.122

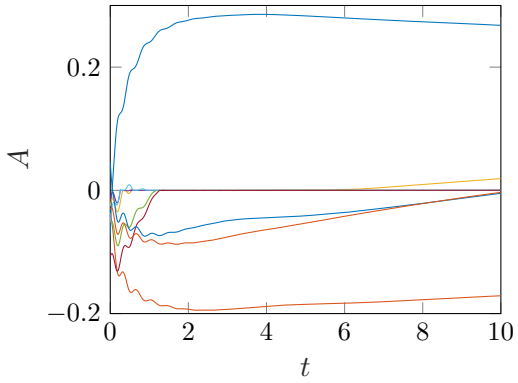
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$1.7926E-04$	00 : 38 : 38	150.00	7332	4.122

A	Nz	η	m	n	σ
1	25	25	140	512	0.0200

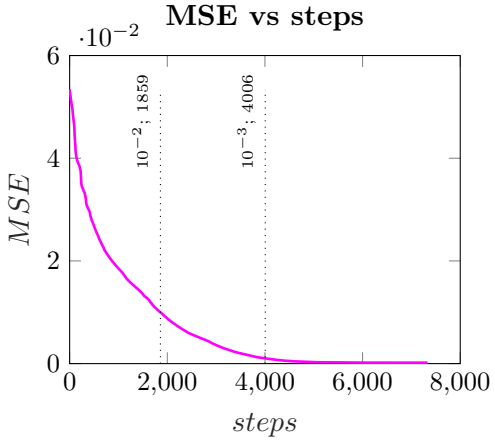
characteristics time(NZc)



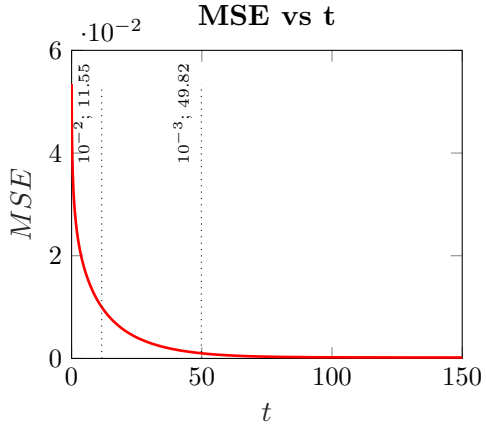
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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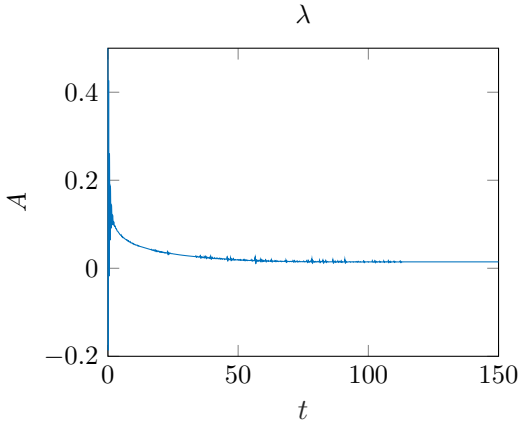
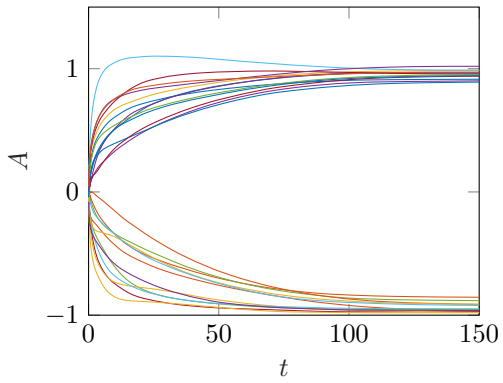


2.96 sim 4.123

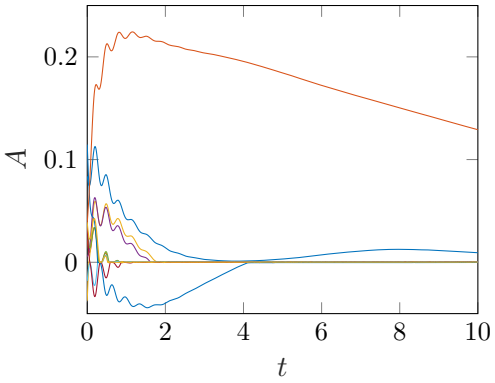
k	ϕ	MSE	ExTime	t_{max}	steps	id
5000	U	$2.7108E-04$	00 : 36 : 14	150.00	6838	4.123

A	Nz	η	m	n	σ
1	25	25	150	512	0.0200

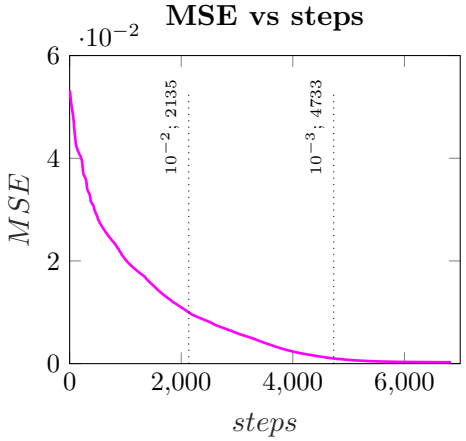
characteristics time(NZc)



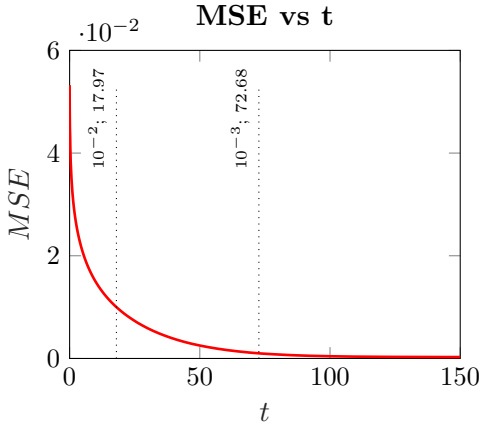
characteristics time(60 Zc)



MSE vs steps



MSE vs t



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