

Report of Data-Level fusion homework

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Overview

This file consists of the evaluation report for the Data-level fusion homework. 12 pairs of half-sized images have been taken from the 2006 Stereo Dataset and tested.

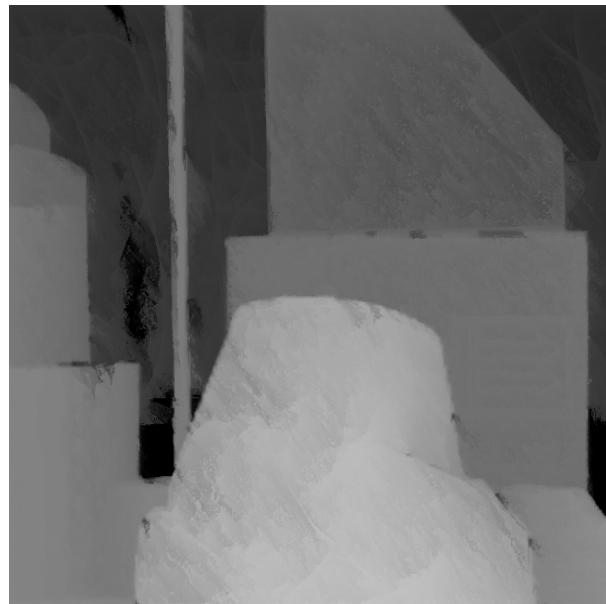
This report will look into the each pair of images and output the following:

- Output of the upsampling algorithm
- Table with the metrics resulted from the comparison of the **Ground Truth** with the **Bilateral Filter** output as well as the processing time
- Best image and the sigma choice for each metric tested.

Directories tested

s11_lampshade2

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	222.0	227638437.0	25.120000	20.130411	0.205323
1	0.1	3.0	224.0	227649515.0	25.120611	20.130200	0.204578
2	0.1	5.0	225.0	227669849.0	25.121733	20.129812	0.191069
3	0.1	10.0	225.0	227655406.0	25.120936	20.130087	0.192951
4	1.0	1.0	225.0	204817272.0	23.827590	20.589201	0.215445
5	1.0	3.0	225.0	210101233.0	24.132990	20.478581	0.213477
6	1.0	5.0	225.0	214473150.0	24.382784	20.389138	0.212687
7	1.0	10.0	222.0	217014689.0	24.526829	20.337976	0.212185
8	1.5	1.0	222.0	204565383.0	23.812934	20.594546	0.216268
9	1.5	3.0	223.0	206883532.0	23.947478	20.545608	0.215233
10	1.5	5.0	221.0	209740132.0	24.112242	20.486052	0.215016
11	1.5	10.0	221.0	212084085.0	24.246601	20.437786	0.214551
12	3.0	1.0	221.0	204482672.0	23.808119	20.596302	0.217013
13	3.0	3.0	221.0	205425429.0	23.862939	20.576325	0.215586
14	3.0	5.0	221.0	206727107.0	23.938423	20.548893	0.215723
15	3.0	10.0	221.0	208206015.0	24.023897	20.517934	0.215620

Best processing time

Spatial Sigma: 1.5 . Spectral Sigma: 5.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



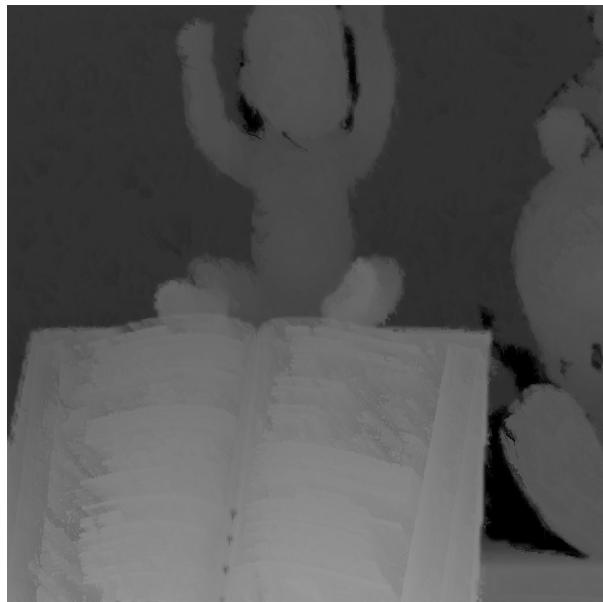
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s3_baby2

Upsampling result



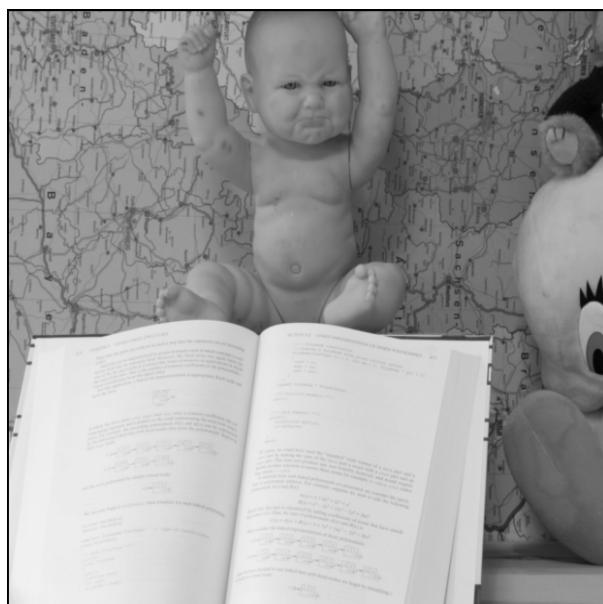
Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	215.0	185421939.0	23.213372	20.816039	1.472933
1	0.1	3.0	215.0	185585182.0	23.223588	20.812217	1.405502
2	0.1	5.0	214.0	185601426.0	23.224604	20.811837	1.382860
3	0.1	10.0	211.0	185560891.0	23.222068	20.812786	1.518707
4	1.0	1.0	211.0	119584261.0	18.642093	22.720910	1.447066
5	1.0	3.0	214.0	135665158.0	19.856003	22.172967	1.429996

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	215.0	147388942.0	20.696176	21.813001	1.422661
7	1.0	10.0	215.0	155306178.0	21.244770	21.585763	1.419605
8	1.5	1.0	221.0	119033355.0	18.599103	22.740964	1.449715
9	1.5	3.0	211.0	126426879.0	19.168025	22.479256	1.438645
10	1.5	5.0	212.0	134000932.0	19.733839	22.226572	1.433706
11	1.5	10.0	212.0	140981054.0	20.241283	22.006043	1.430134
12	3.0	1.0	214.0	118884034.0	18.587434	22.746415	1.452278
13	3.0	3.0	216.0	121992274.0	18.828851	22.634327	1.446011
14	3.0	5.0	213.0	125779664.0	19.118899	22.501546	1.441233
15	3.0	10.0	214.0	129993249.0	19.436500	22.358442	1.437020

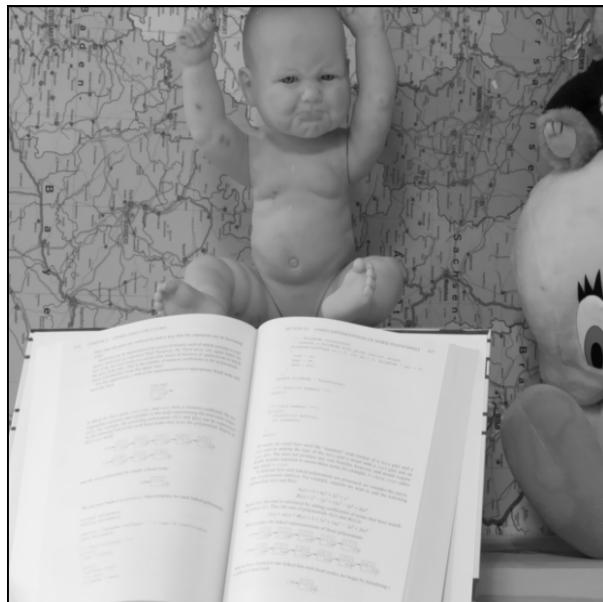
Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 10.0



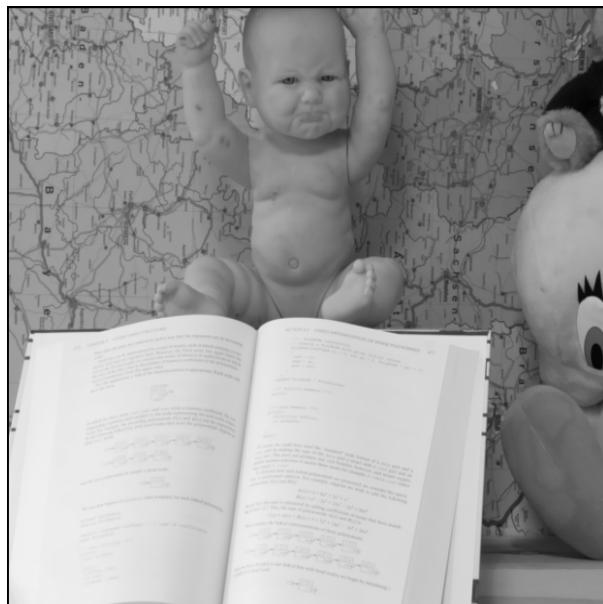
Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



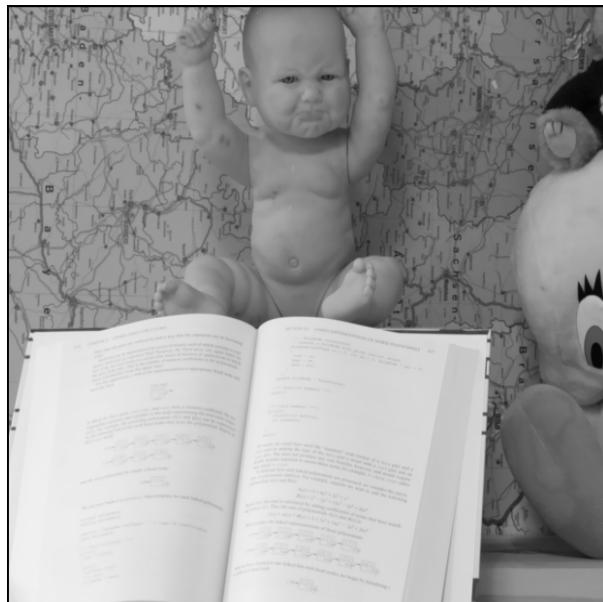
Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



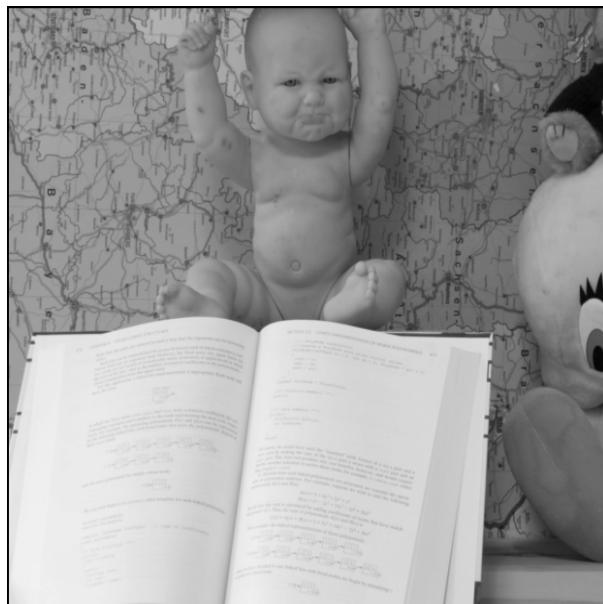
Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



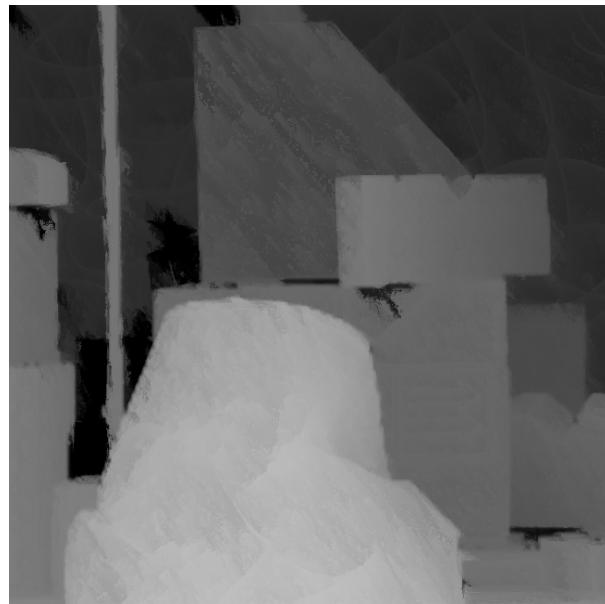
Best SSIM value

Spatial Sigma: 0.1 . Spectral Sigma: 10.0



s10_lampshade1

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	226.0	223931718.0	24.914641	20.201711	0.273020
1	0.1	3.0	229.0	223916628.0	24.913802	20.202004	0.267492
2	0.1	5.0	225.0	223938296.0	24.915007	20.201583	0.273970
3	0.1	10.0	222.0	223936293.0	24.914896	20.201622	0.271272
4	1.0	1.0	227.0	191840346.0	23.060398	20.873468	0.282751
5	1.0	3.0	224.0	199075678.0	23.491239	20.712685	0.278963
6	1.0	5.0	225.0	205453484.0	23.864568	20.575732	0.277183
7	1.0	10.0	222.0	209005009.0	24.069949	20.501300	0.276702
8	1.5	1.0	222.0	191542569.0	23.042494	20.880214	0.281899
9	1.5	3.0	222.0	194631207.0	23.227532	20.810742	0.280818
10	1.5	5.0	224.0	198672422.0	23.467435	20.721491	0.279982
11	1.5	10.0	225.0	201975346.0	23.661704	20.649883	0.279496
12	3.0	1.0	225.0	191444029.0	23.036566	20.882449	0.282633
13	3.0	3.0	225.0	192627321.0	23.107650	20.855688	0.281378
14	3.0	5.0	225.0	194363786.0	23.211569	20.816714	0.281262
15	3.0	10.0	226.0	196387361.0	23.332088	20.771732	0.280809

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 10.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



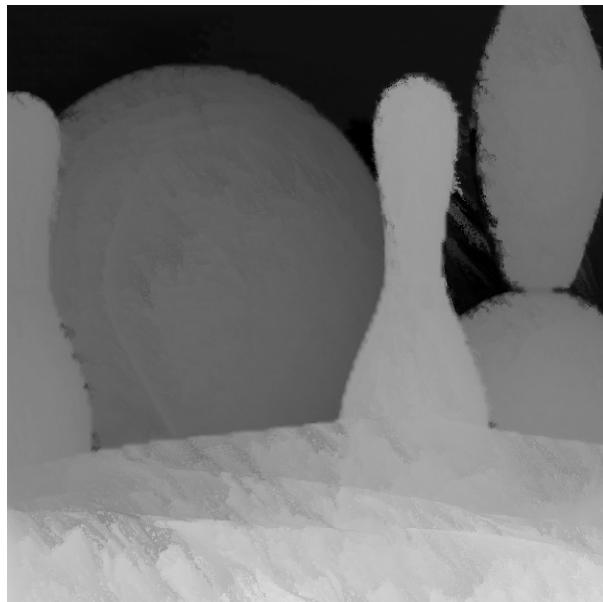
Best SSIM value

Spatial Sigma: 1.0 . Spectral Sigma: 1.0



s4_bowling1

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	218.0	277651712.0	28.269395	19.104473	0.381043
1	0.1	3.0	217.0	277670223.0	28.270338	19.104184	0.393776
2	0.1	5.0	220.0	277680219.0	28.270847	19.104027	0.383388
3	0.1	10.0	219.0	277658713.0	28.269752	19.104364	0.367962
4	1.0	1.0	217.0	230777226.0	25.772872	19.907547	0.404790
5	1.0	3.0	218.0	239303658.0	26.244664	19.749983	0.399048

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	216.0	249278500.0	26.786055	19.572629	0.397346
7	1.0	10.0	217.0	255806436.0	27.134516	19.460362	0.395805
8	1.5	1.0	217.0	230411113.0	25.752420	19.914443	0.405119
9	1.5	3.0	217.0	234036280.0	25.954217	19.846645	0.402753
10	1.5	5.0	217.0	239479932.0	26.254328	19.746786	0.400987
11	1.5	10.0	214.0	245250461.0	26.568758	19.643378	0.399666
12	3.0	1.0	213.0	230303640.0	25.746414	19.916469	0.405498
13	3.0	3.0	213.0	231792572.0	25.829506	19.888482	0.405506
14	3.0	5.0	213.0	233838572.0	25.943252	19.850315	0.404324
15	3.0	10.0	213.0	236972094.0	26.116498	19.792505	0.403216

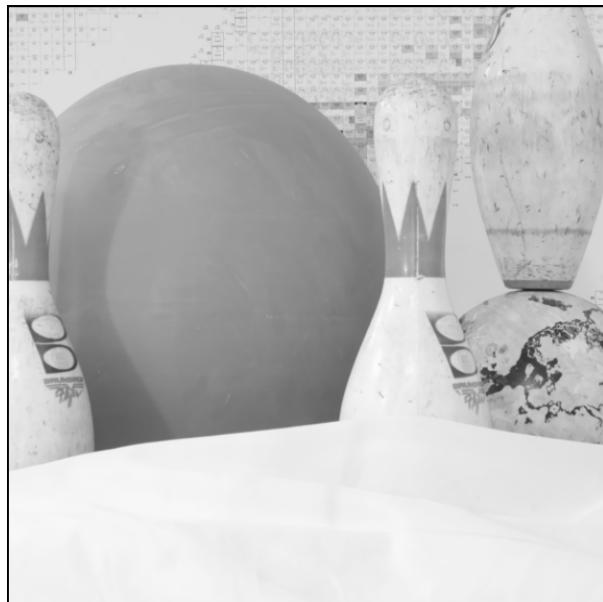
Best processing time

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



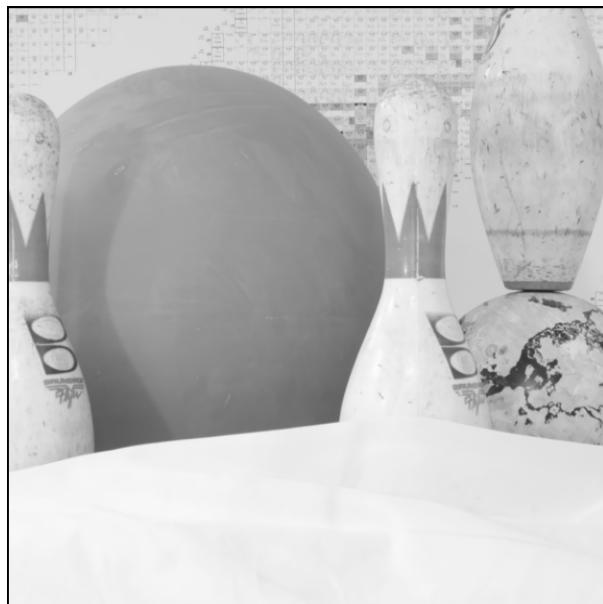
Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



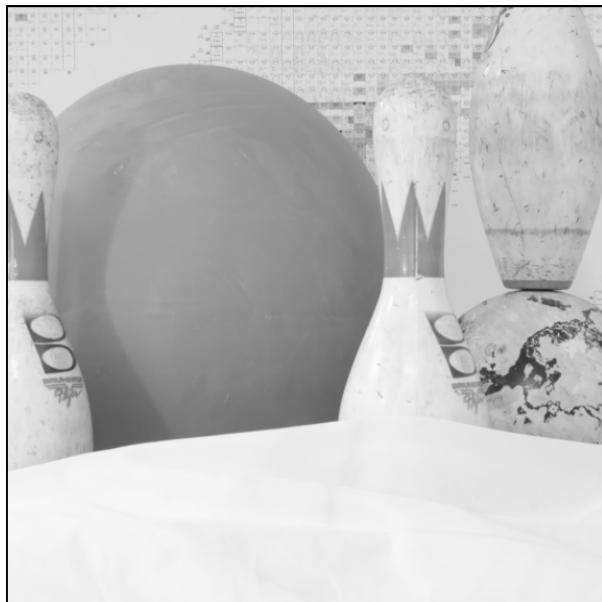
Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



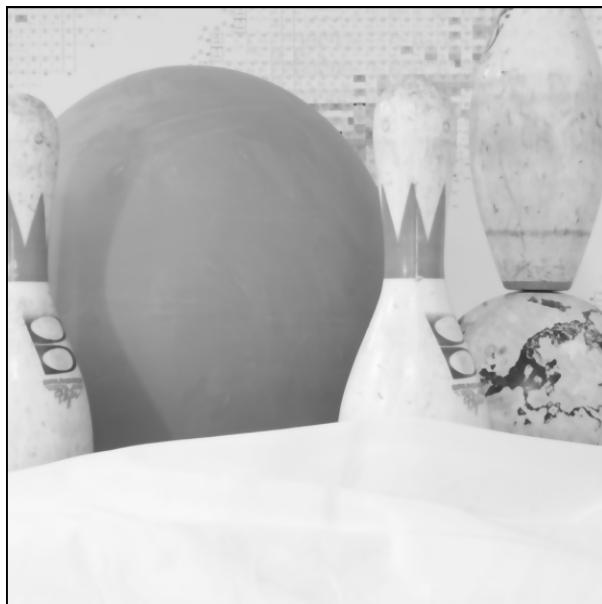
Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



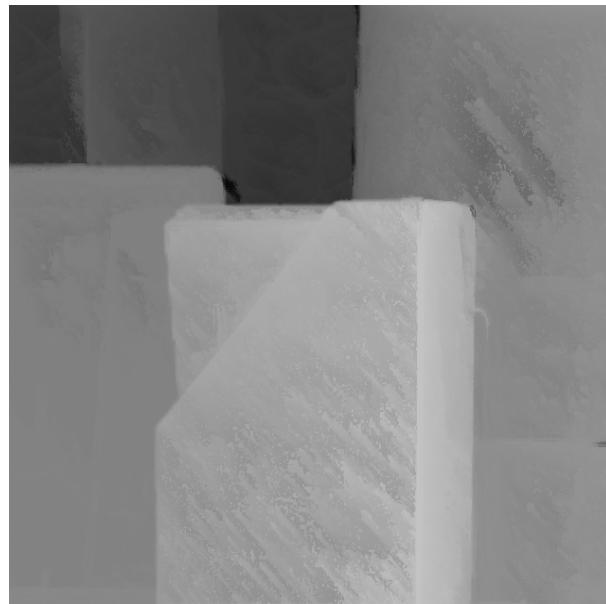
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 3.0



s12_plastic

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	217.0	144180173.0	20.226438	22.012415	0.617996
1	0.1	3.0	217.0	144185199.0	20.226791	22.012264	0.606200
2	0.1	5.0	217.0	144207527.0	20.228357	22.011591	0.561960
3	0.1	10.0	219.0	144223731.0	20.229493	22.011103	0.620632
4	1.0	1.0	222.0	114863237.0	18.053324	22.999660	0.554893
5	1.0	3.0	220.0	118360582.0	18.326106	22.869400	0.552524
6	1.0	5.0	220.0	124365223.0	18.785213	22.654481	0.556733
7	1.0	10.0	221.0	129626074.0	19.178420	22.474547	0.556874
8	1.5	1.0	220.0	114705155.0	18.040896	23.005641	0.552768
9	1.5	3.0	220.0	116184009.0	18.156822	22.950007	0.556190
10	1.5	5.0	220.0	118912161.0	18.368758	22.849208	0.556222
11	1.5	10.0	221.0	122998744.0	18.681725	22.702464	0.556113
12	3.0	1.0	220.0	114642473.0	18.035966	23.008015	0.556308
13	3.0	3.0	221.0	115231295.0	18.082225	22.985766	0.551727
14	3.0	5.0	219.0	116033953.0	18.145093	22.955620	0.554141
15	3.0	10.0	221.0	117791354.0	18.281985	22.890337	0.553753

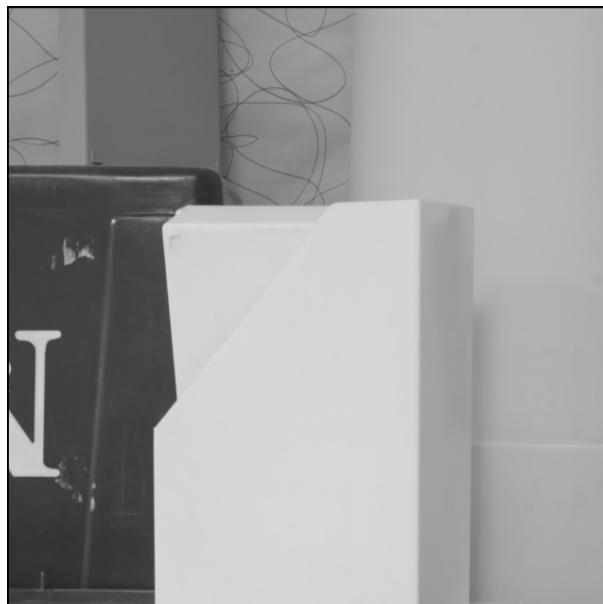
Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 1.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



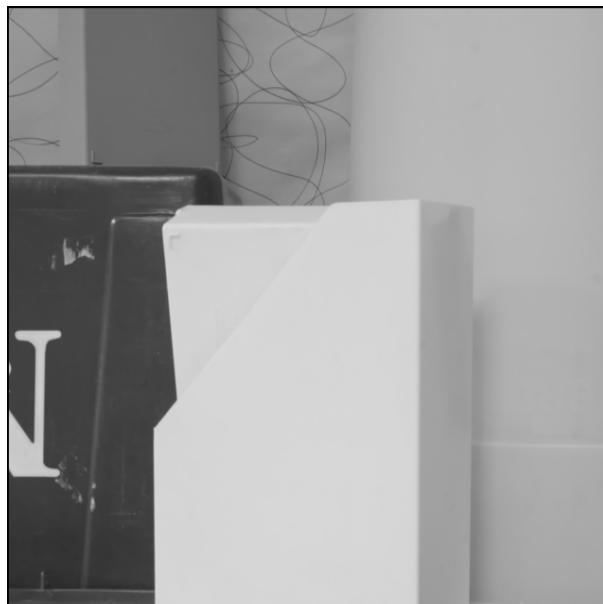
Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



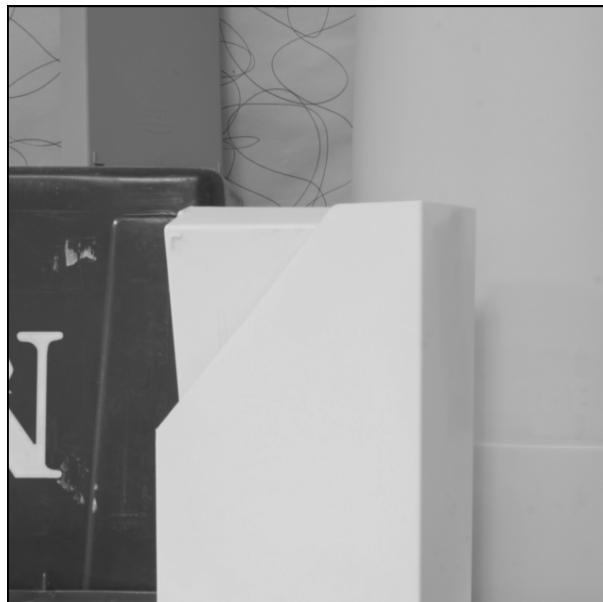
Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best SSIM value

Spatial Sigma: 0.1 . Spectral Sigma: 10.0



s7_cloth3

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	214.0	247247295.0	26.676701	19.608161	0.798803
1	0.1	3.0	215.0	247297364.0	26.679402	19.607282	0.793371
2	0.1	5.0	215.0	247294603.0	26.679253	19.607330	0.799300
3	0.1	10.0	215.0	247336299.0	26.681502	19.606598	0.803494
4	1.0	1.0	217.0	124650655.0	18.941468	22.582531	0.865297
5	1.0	3.0	215.0	162033065.0	21.595744	21.443440	0.829429

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	219.0	183356764.0	22.972846	20.906507	0.818798
7	1.0	10.0	219.0	193723907.0	23.613369	20.667645	0.812008
8	1.5	1.0	217.0	123789838.0	18.875951	22.612627	0.868340
9	1.5	3.0	216.0	140333035.0	20.097697	22.067878	0.840012
10	1.5	5.0	217.0	156123513.0	21.198274	21.604794	0.824101
11	1.5	10.0	217.0	166632761.0	21.900122	21.321873	0.818546
12	3.0	1.0	217.0	123594271.0	18.861035	22.619493	0.868352
13	3.0	3.0	218.0	130477012.0	19.379088	22.384137	0.839255
14	3.0	5.0	217.0	137929861.0	19.924870	22.142894	0.827773
15	3.0	10.0	217.0	144530271.0	20.396035	21.939889	0.820599

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 1.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



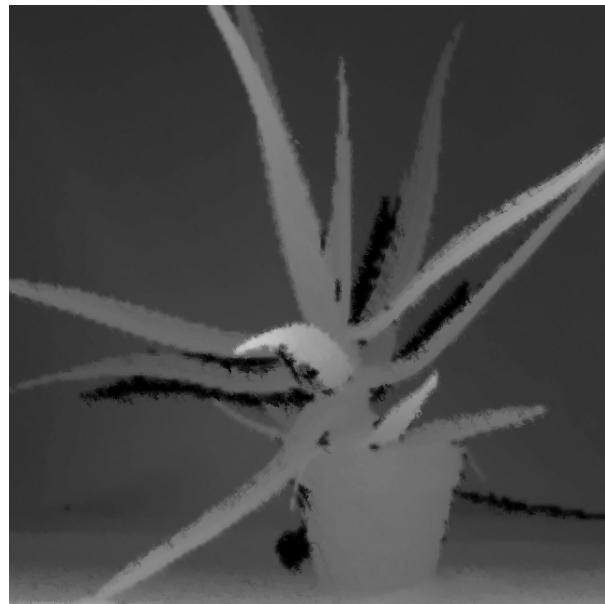
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s1_aloe

Upsampling result

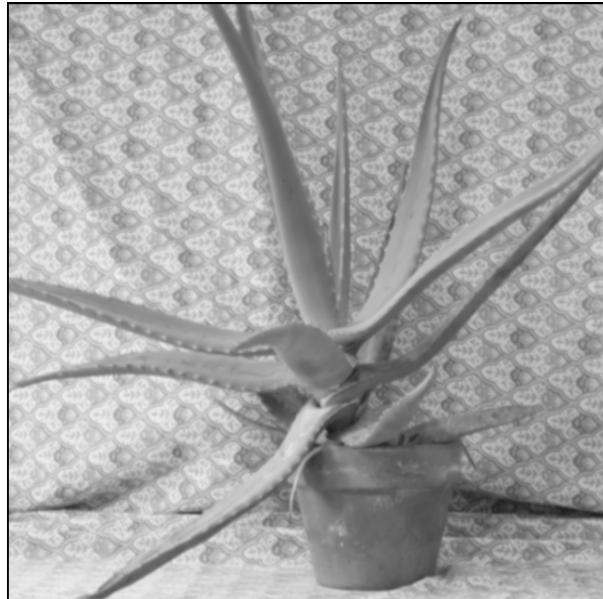


Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	222.0	338598168.0	30.850826	18.345468	0.382498
1	0.1	3.0	221.0	338851099.0	30.862347	18.342225	0.386204
2	0.1	5.0	223.0	338849729.0	30.862284	18.342242	0.384940
3	0.1	10.0	222.0	338898029.0	30.864484	18.341623	0.381771
4	1.0	1.0	222.0	171229710.0	21.938860	21.306523	0.461362
5	1.0	3.0	221.0	219621037.0	24.846285	20.225574	0.423174
6	1.0	5.0	220.0	252260583.0	26.628653	19.623820	0.408328
7	1.0	10.0	225.0	269181255.0	27.507233	19.341866	0.402458
8	1.5	1.0	221.0	170391944.0	21.885125	21.327823	0.463207
9	1.5	3.0	221.0	191884766.0	23.224413	20.811909	0.432687
10	1.5	5.0	222.0	216883947.0	24.690973	20.280040	0.418158
11	1.5	10.0	218.0	234336379.0	25.665182	19.943917	0.410855
12	3.0	1.0	221.0	170201114.0	21.872866	21.332690	0.462589
13	3.0	3.0	221.0	179890331.0	22.486839	21.092236	0.438654
14	3.0	5.0	221.0	194625819.0	23.389704	20.750309	0.421917
15	3.0	10.0	221.0	207601422.0	24.156814	20.470010	0.411570

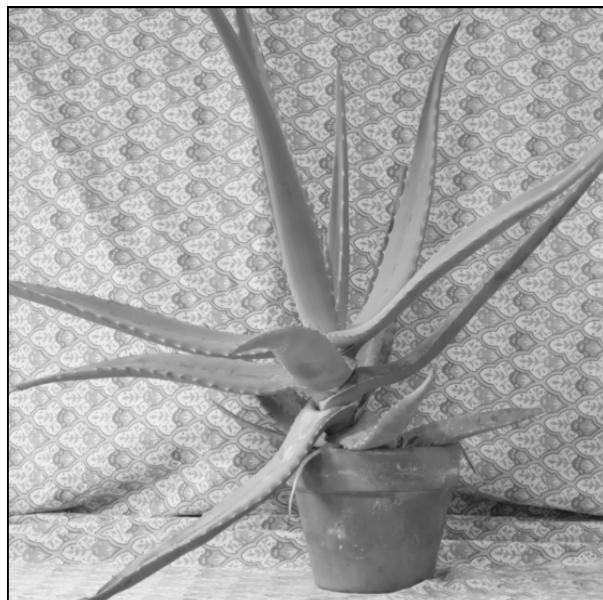
Best processing time

Spatial Sigma: 1.5 . Spectral Sigma: 10.0



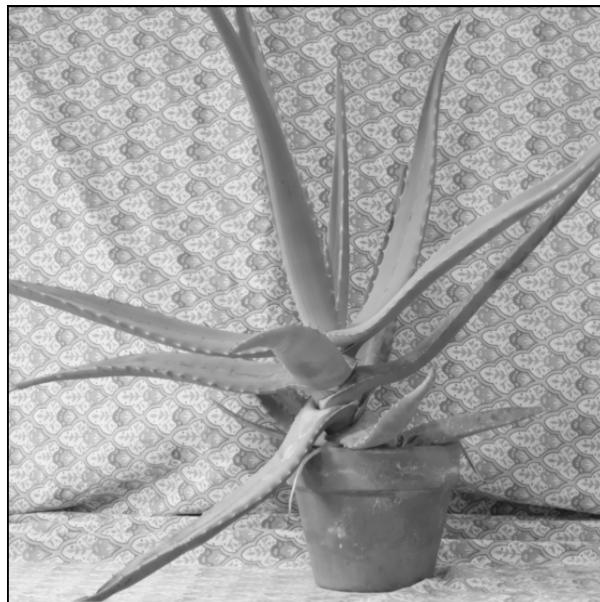
Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



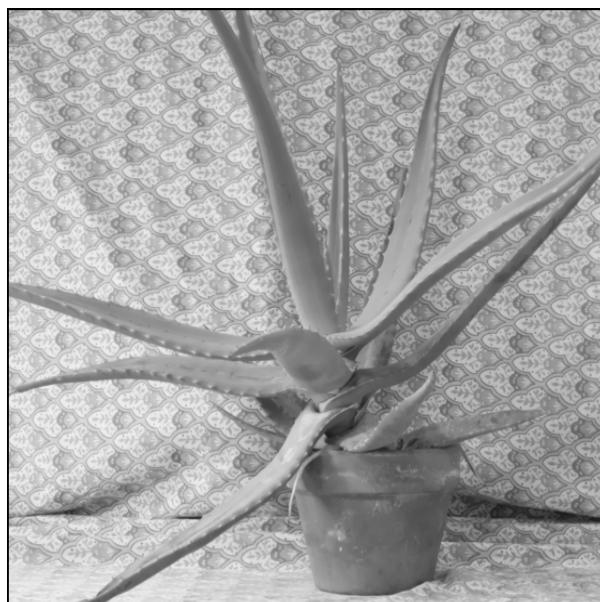
Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



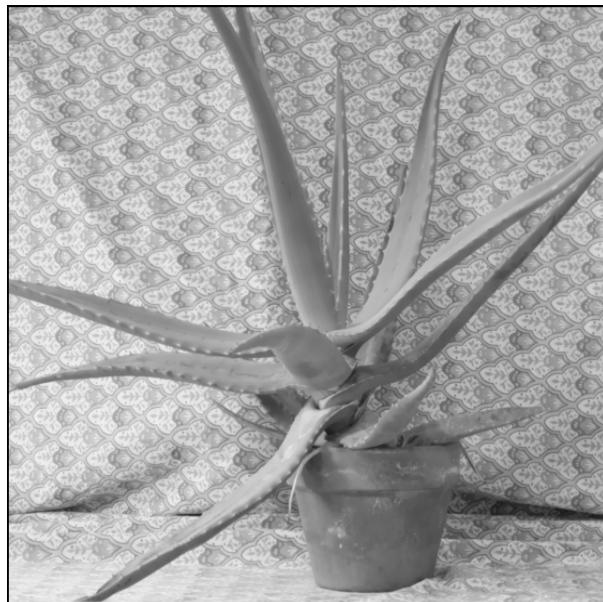
Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



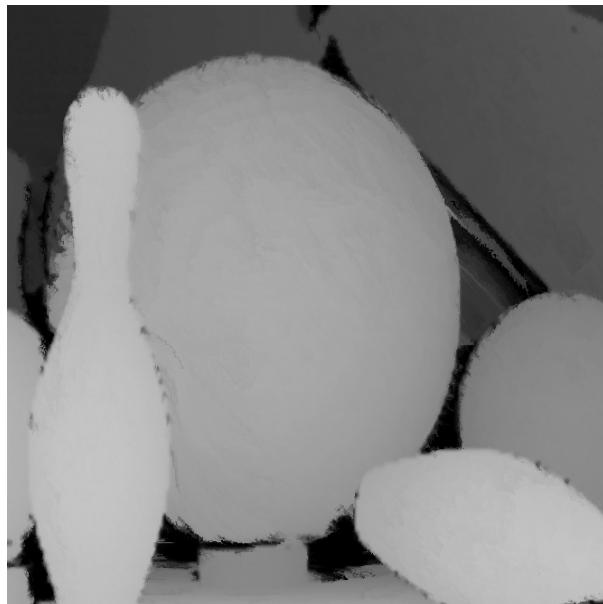
Best SSIM value

Spatial Sigma: 1.5 . Spectral Sigma: 1.0



s5_bowling2

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	229.0	195398800.0	23.009312	20.892731	0.692781
1	0.1	3.0	228.0	195404887.0	23.009670	20.892596	0.693277
2	0.1	5.0	228.0	195413171.0	23.010158	20.892412	0.692629
3	0.1	10.0	230.0	195424199.0	23.010807	20.892166	0.697839
4	1.0	1.0	229.0	123709090.0	18.308109	22.877934	0.730742
5	1.0	3.0	229.0	139016875.0	19.407806	22.371275	0.721488

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	230.0	153710812.0	20.407739	21.934906	0.714431
7	1.0	10.0	230.0	162656410.0	20.993182	21.689238	0.711244
8	1.5	1.0	233.0	123143220.0	18.266189	22.897845	0.731499
9	1.5	3.0	231.0	129717787.0	18.747461	22.671955	0.723669
10	1.5	5.0	234.0	138427829.0	19.366645	22.389716	0.718033
11	1.5	10.0	228.0	146615434.0	19.931158	22.140153	0.713796
12	3.0	1.0	230.0	122983752.0	18.254358	22.903473	0.733465
13	3.0	3.0	230.0	125725511.0	18.456714	22.807716	0.727597
14	3.0	5.0	230.0	129229465.0	18.712140	22.688334	0.722607
15	3.0	10.0	230.0	133876611.0	19.045617	22.534903	0.720367

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 3.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



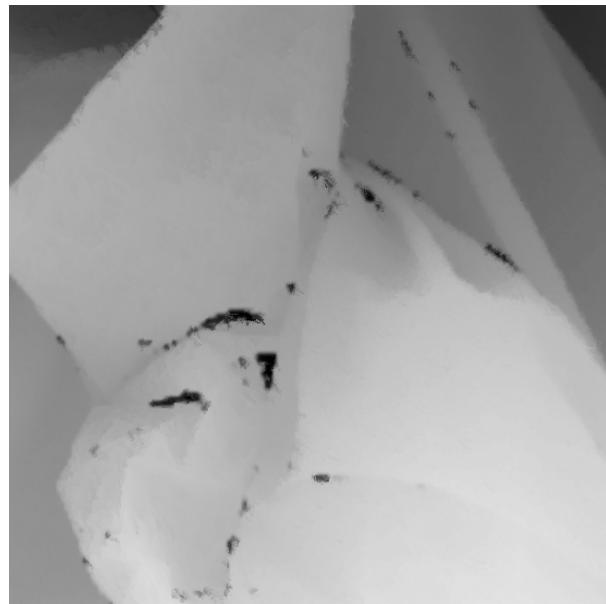
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s6_cloth2

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	226.0	229367475.0	25.215219	20.097549	0.361234
1	0.1	3.0	225.0	229382955.0	25.216070	20.097256	0.367488
2	0.1	5.0	225.0	229387508.0	25.216320	20.097169	0.365517
3	0.1	10.0	225.0	229377549.0	25.215773	20.097358	0.361752
4	1.0	1.0	225.0	141870985.0	19.830955	22.183931	0.388914
5	1.0	3.0	225.0	168810170.0	21.631973	21.428881	0.381740
6	1.0	5.0	225.0	183633874.0	22.561773	21.063339	0.369987
7	1.0	10.0	225.0	191726892.0	23.053578	20.876037	0.369221
8	1.5	1.0	225.0	141062273.0	19.774352	22.208758	0.389838
9	1.5	3.0	227.0	153832504.0	20.650039	21.832386	0.386779
10	1.5	5.0	226.0	164691921.0	21.366480	21.536144	0.375071
11	1.5	10.0	225.0	172616920.0	21.874519	21.332033	0.372945
12	3.0	1.0	225.0	140859289.0	19.760120	22.215012	0.389888
13	3.0	3.0	225.0	146544241.0	20.154926	22.043179	0.388427
14	3.0	5.0	225.0	152573620.0	20.565371	21.868073	0.376987
15	3.0	10.0	225.0	157719453.0	20.909298	21.724014	0.374757

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 3.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



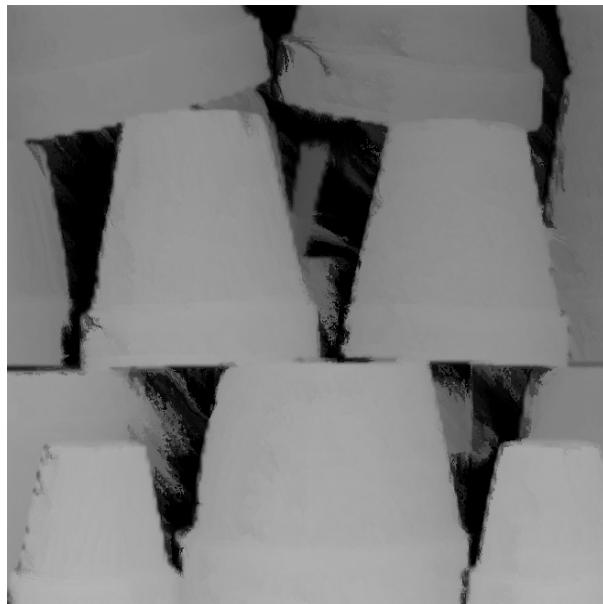
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s9_flowerpots

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	227.0	97541516.0	16.368027	23.850877	0.528319
1	0.1	3.0	227.0	97701263.0	16.381425	23.843770	0.523980
2	0.1	5.0	227.0	97704745.0	16.381717	23.843615	0.523912
3	0.1	10.0	227.0	97706305.0	16.381848	23.843546	0.525937
4	1.0	1.0	227.0	51652225.0	11.910942	26.611881	0.551738
5	1.0	3.0	227.0	58939440.0	12.723441	26.038712	0.545799

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	227.0	68272767.0	13.693843	25.400297	0.542741
7	1.0	10.0	227.0	75052341.0	14.357662	24.989129	0.540219
8	1.5	1.0	227.0	51168219.0	11.855005	26.652769	0.553915
9	1.5	3.0	228.0	54213089.0	12.202636	26.401730	0.548974
10	1.5	5.0	231.0	58873585.0	12.716331	26.043567	0.545510
11	1.5	10.0	229.0	64520518.0	13.312221	25.645793	0.543098
12	3.0	1.0	227.0	51012944.0	11.837004	26.665968	0.554723
13	3.0	3.0	228.0	51990332.0	11.949862	26.583546	0.549605
14	3.0	5.0	227.0	53223999.0	12.090808	26.481697	0.546716
15	3.0	10.0	228.0	55937914.0	12.395234	26.265709	0.543113

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 1.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



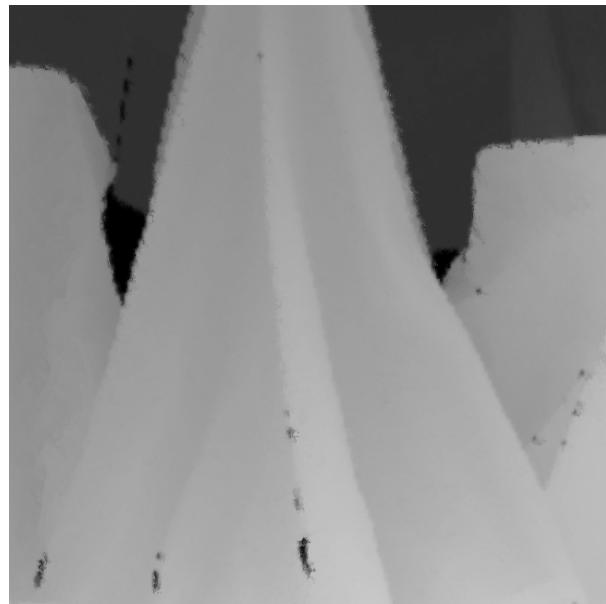
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s8_cloth4

Upsampling result



Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	225.0	320439263.0	29.803666	18.645410	0.459361
1	0.1	3.0	225.0	320453305.0	29.804319	18.645219	0.457120
2	0.1	5.0	225.0	320454391.0	29.804370	18.645205	0.459879
3	0.1	10.0	225.0	320480777.0	29.805597	18.644847	0.461271
4	1.0	1.0	229.0	166923087.0	21.510724	21.477703	0.518655
5	1.0	3.0	225.0	215054429.0	24.415804	20.377383	0.490174
6	1.0	5.0	225.0	243748590.0	25.993687	19.833446	0.481500
7	1.0	10.0	225.0	257730505.0	26.728817	19.591209	0.477617
8	1.5	1.0	225.0	166061450.0	21.455135	21.500179	0.519731
9	1.5	3.0	225.0	186899558.0	22.761505	20.986784	0.499165
10	1.5	5.0	226.0	209561028.0	24.101945	20.489762	0.491903
11	1.5	10.0	230.0	224213234.0	24.930297	20.196255	0.487551
12	3.0	1.0	227.0	165857990.0	21.441987	21.505503	0.519843
13	3.0	3.0	226.0	174356386.0	21.984458	21.288488	0.503948
14	3.0	5.0	226.0	187022511.0	22.768990	20.983928	0.497616
15	3.0	10.0	290.0	197775944.0	23.414429	20.741132	0.492932

Best processing time

Spatial Sigma: 0.1 . Spectral Sigma: 1.0



Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



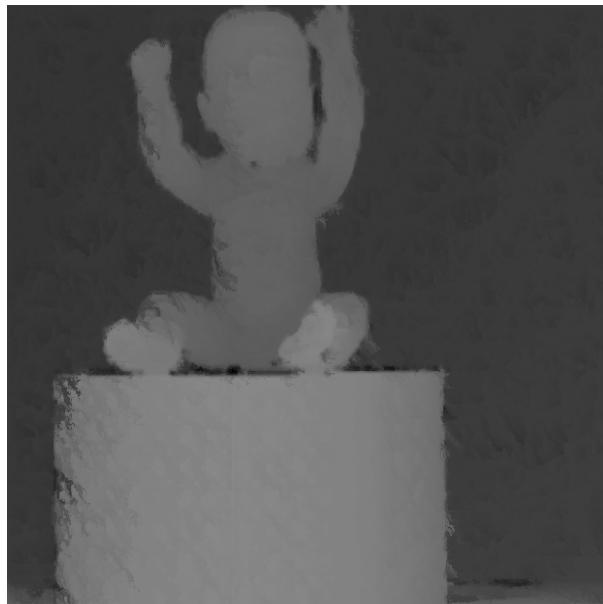
Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



s2_baby1

Upsampling result



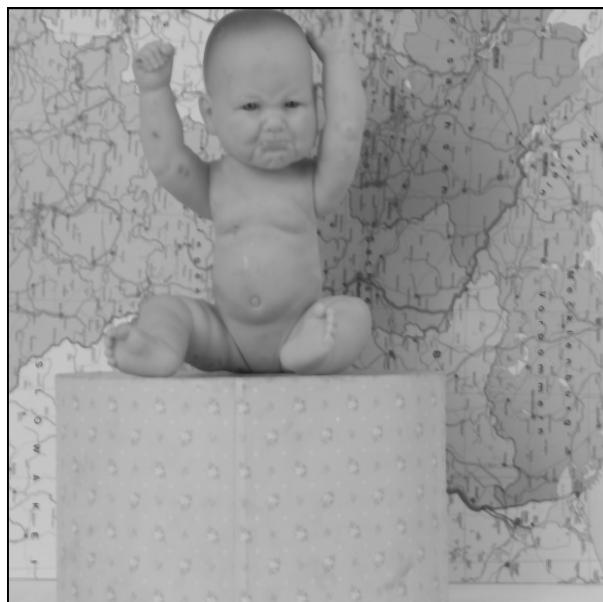
Resulted metrics

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
0	0.1	1.0	215.0	201876181.0	24.221454	20.446800	0.179570
1	0.1	3.0	215.0	201885809.0	24.222031	20.446592	0.179177
2	0.1	5.0	216.0	201872604.0	24.221239	20.446876	0.178829
3	0.1	10.0	216.0	201882880.0	24.221856	20.446655	0.178814
4	1.0	1.0	215.0	143157982.0	20.396960	21.939495	0.207378
5	1.0	3.0	214.0	161110731.0	21.638139	21.426406	0.195381

File Name	Spatial Sigma	Spectral Sigma	Time(MS)	SSD	RMSE	PSNR	SSIM
6	1.0	5.0	214.0	171358378.0	22.315691	21.158597	0.192158
7	1.0	10.0	214.0	176450197.0	22.644813	21.031429	0.190654
8	1.5	1.0	215.0	142606982.0	20.357669	21.956242	0.208996
9	1.5	3.0	214.0	150839103.0	20.937009	21.712511	0.199416
10	1.5	5.0	215.0	158808433.0	21.482976	21.488915	0.195942
11	1.5	10.0	214.0	164036810.0	21.833749	21.348237	0.194021
12	3.0	1.0	218.0	142453226.0	20.346692	21.960927	0.209559
13	3.0	3.0	217.0	145973744.0	20.596576	21.854903	0.200174
14	3.0	5.0	215.0	150590307.0	20.919735	21.719680	0.197381
15	3.0	10.0	215.0	154490989.0	21.188940	21.608619	0.195815

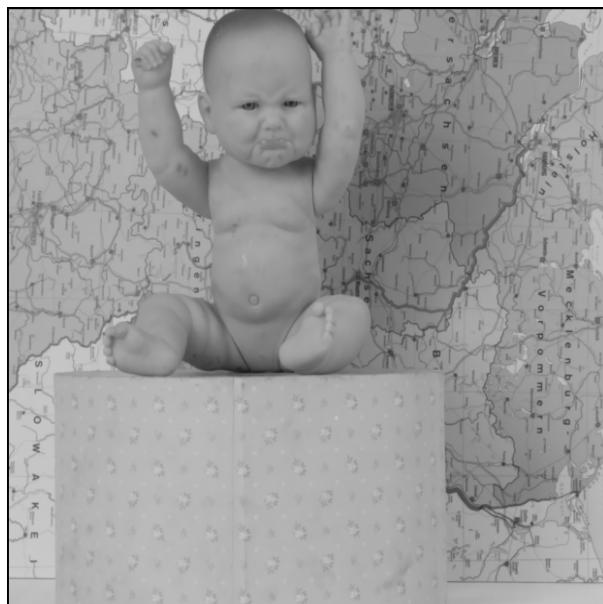
Best processing time

Spatial Sigma: 1.0 . Spectral Sigma: 3.0



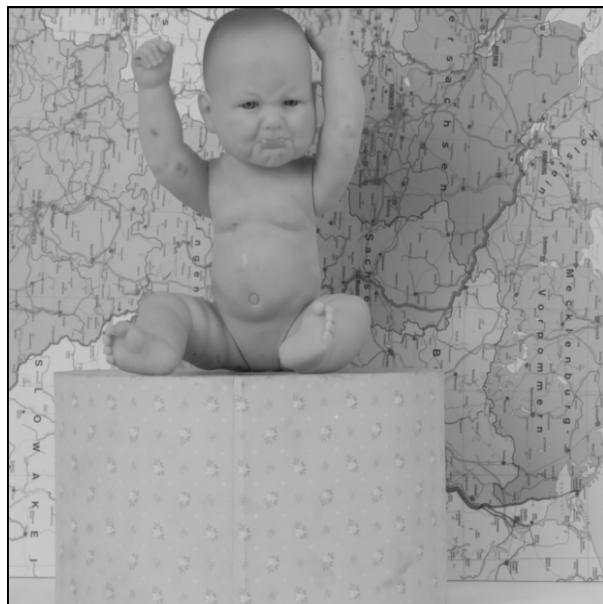
Best SSD value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



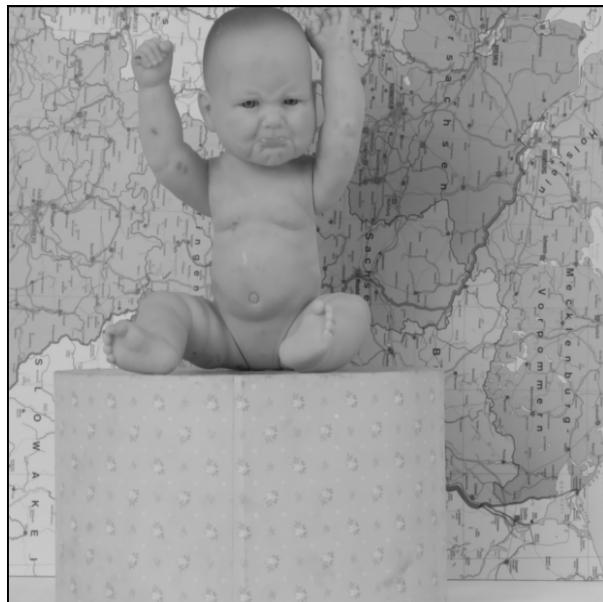
Best RMSE value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best PSNR value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0



Best SSIM value

Spatial Sigma: 3.0 . Spectral Sigma: 1.0

