

**Příloha číslo 1.**

	Tabulka výsledných PSNR hodnot pro filtraci vlnkovou transformací s tvrdým prahováním a výpočtem prahu metodou Normal Srink														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	24.8791	23.2434	22.7891	26.3695	25.3447	24.6130	27.6292	26.1908	25.1060	27.8962	26.2194	25.1267	27.8422	26.2186	25.1272
<i>coif2</i>	23.2524	21.3574	20.8540	25.8596	24.6121	23.8871	27.1551	25.8063	24.7377	27.4785	25.8836	24.7837	27.4765	25.8909	24.7929
<i>coif3</i>	22.9256	20.7271	20.0234	26.3223	24.3693	23.5388	27.7503	25.7028	24.5336	27.2211	25.6503	24.4800	27.1680	25.6675	24.4854
<i>coif4</i>	22.9249	20.1927	19.4052	26.6274	23.9711	23.0908	26.8960	25.1311	24.0032	26.6938	25.1248	24.0140	26.7080	25.1107	24.0165
<i>coif5</i>	22.8652	19.9701	19.1760	27.1722	23.8933	22.9863	26.4337	25.0175	23.8603	26.7203	25.0850	23.8391	26.7536	25.1125	23.8509
<i>db1</i>	28.3949	24.2619	23.2458	27.7722	26.2234	25.1428	28.5958	26.8743	25.4981	28.7670	26.8991	25.5157	28.7416	26.8997	25.5158
<i>db2</i>	24.8897	23.1583	22.6767	26.3572	25.3382	24.5772	27.5578	26.1794	25.1663	27.6173	26.1016	25.1282	27.6342	26.1079	25.1303
<i>db3</i>	23.5645	21.5711	20.8958	26.4183	24.9458	24.1419	27.4103	25.8555	24.8181	27.7049	25.9016	24.8179	27.6805	25.8823	24.8198
<i>db4</i>	23.1677	20.9277	20.0299	26.5288	24.3802	23.4011	27.3253	25.5820	24.3601	27.3310	25.5796	24.3463	27.3706	25.6025	24.3544
<i>db5</i>	23.1455	20.9192	20.1127	27.0513	24.5304	23.6054	27.2067	25.9172	24.7402	27.5163	25.8944	24.6766	27.5056	25.9036	24.6800
<i>db6</i>	23.0756	20.5836	19.8348	27.1230	24.4152	23.5005	27.9966	25.6633	24.5763	27.6436	25.7621	24.5752	27.6778	25.7795	24.5819
<i>db7</i>	23.1972	20.2804	19.3938	27.6624	24.1069	23.2102	27.5099	25.8302	24.5589	27.6866	25.8400	24.5117	27.6878	25.8413	24.5203
<i>db8</i>	23.5216	20.2208	19.3426	27.1011	24.4574	23.4466	27.0301	25.7728	24.6676	27.5574	25.9145	24.6516	27.5402	25.9244	24.6662
<i>db9</i>	23.0605	20.2211	19.3781	27.3049	24.4638	23.6215	27.2361	25.8097	24.7450	27.5486	25.8403	24.7039	27.5793	25.8923	24.7470
<i>db10</i>	23.0515	20.0710	19.1458	27.0299	24.1689	23.0612	26.4734	25.2050	24.1697	27.0772	25.4966	24.3181	27.0253	25.4400	24.2925
<i>sym1</i>	28.3949	24.2619	23.2458	27.7722	26.2234	25.1428	28.5958	26.8743	25.4981	28.7670	26.8991	25.5157	28.7416	26.8997	25.5158
<i>sym2</i>	24.8897	23.1583	22.6767	26.3572	25.3382	24.5772	27.5578	26.1794	25.1663	27.6173	26.1016	25.1282	27.6342	26.1079	25.1303
<i>sym3</i>	23.5645	21.5711	20.8958	26.4183	24.9458	24.1419	27.4103	25.8555	24.8181	27.7049	25.9016	24.8179	27.6805	25.8823	24.8198
<i>sym4</i>	22.9040	21.3301	20.6293	25.7760	24.6164	23.7373	27.2215	25.7214	24.5479	27.5231	25.7691	24.5310	27.5224	25.7818	24.5368
<i>sym5</i>	22.3584	20.3812	19.4789	25.4582	24.1911	23.2209	27.2823	25.6020	24.3015	27.6343	25.6031	24.2832	27.6455	25.6089	24.2869
<i>sym6</i>	22.3433	20.6483	19.8707	25.7124	24.5246	23.5789	27.0731	25.6249	24.4854	27.5489	25.6975	24.4982	27.6032	25.7444	24.5068
<i>sym7</i>	22.3106	20.5031	19.7504	25.8187	24.5728	23.6764	27.2552	25.8959	24.8006	27.4877	25.7709	24.6592	27.5329	25.7842	24.6666
<i>sym8</i>	22.0862	20.3271	19.5368	25.5215	24.2590	23.3636	27.0853	25.5839	24.3773	27.5809	25.6569	24.4323	27.6161	25.6605	24.4394
<i>sym9</i>	21.9810	19.9609	19.0930	25.2726	24.0829	23.1327	27.0896	25.5617	24.3485	27.4803	25.5104	24.2664	27.4869	25.5174	24.2701
<i>sym10</i>	22.0253	20.0484	19.2327	25.2496	23.8883	22.9767	26.6022	25.1520	24.0914	26.8259	25.0646	23.9862	26.9040	25.0764	23.9906
<i>bior 1,3</i>	27.7832	24.4248	23.3895	28.4587	26.8046	25.5914	29.4842	27.5732	26.1552	29.6796	27.5585	26.1313	29.6458	27.5618	26.1321
<i>bior 1,5</i>	27.6832	24.6104	23.5997	28.6481	27.0549	25.8610	29.5228	27.7584	26.3423	29.6789	27.7440	26.3297	29.6860	27.7476	26.3311
<i>bior 2,2</i>	22.0761	21.5719	21.3174	25.1248	24.2252	23.5375	26.8250	25.4051	24.3565	27.0925	25.4309	24.3415	27.0710	25.4244	24.3422
<i>bior 2,4</i>	21.9344	21.4435	21.1758	25.2781	24.3558	23.6194	26.6832	25.4680	24.5204	26.9824	25.4932	24.4719	26.9646	25.4597	24.4614
<i>bior 2,6</i>	21.9367	21.4689	21.2014	25.1436	24.2207	23.5152	26.6657	25.3097	24.3116	27.0459	25.3323	24.3047	27.0111	25.3320	24.3051
<i>bior 2,8</i>	21.9594	21.5067	21.2391	25.4485	24.5083	23.7247	27.0810	25.6692	24.6584	27.2071	25.6223	24.5827	27.2214	25.6288	24.5841
<i>bior3,3</i>	20.5075	19.7417	19.0917	25.6455	24.3273	23.2402	28.0152	26.0929	24.6846	28.4337	26.2294	24.7670	28.4507	26.2306	24.7731
<i>bior 3,5</i>	20.2738	19.4987	18.8256	25.2181	23.9339	22.8586	27.6031	25.7119	24.3673	27.9991	25.8386	24.4705	27.9924	25.8272	24.4712
<i>bior3,7</i>	20.2006	19.4179	18.7513	25.2227	23.9149	22.8706	27.5396	25.8523	24.4290	27.7834	25.9011	24.3673	27.7718	25.8812	24.3675
<i>bior 6</i>	21.5612	20.2358	19.5842	25.4030	24.3423	23.4093	27.0674	25.7104	24.5812	27.1830	25.6148	24.4950	27.2614	25.6228	24.4981

Barevně je vyznačena nejhodnější vlnka pro filtraci.

**Příloha číslo 2.**

	Tabulka výsledných PSNR hodnot pro filtraci vlnkovou transformací s měkkým prahováním a výpočtem prahu metodou Normal Srink														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	26.3347	24.6715	24.0205	27.8427	26.9624	26.2681	29.0631	27.6545	26.7395	29.6785	27.6900	26.7557	29.6482	27.6942	26.7569
<i>coif2</i>	24.9345	23.2458	22.5595	28.1337	26.3480	25.6900	28.5056	27.2597	26.3758	29.1721	27.3141	26.4055	29.1383	27.3159	26.4120
<i>coif3</i>	24.7498	22.8025	22.0758	35.3058	26.1626	25.5026	29.8402	27.1949	26.2958	29.1150	27.1471	26.2578	29.2692	27.1585	26.2619
<i>coif4</i>	24.7935	22.3916	21.6367	37.1993	25.8351	25.1615	41.4633	26.6710	25.8220	28.4173	26.6712	25.8260	28.5724	26.6648	25.8293
<i>coif5</i>	24.8182	22.2613	21.4875	37.1777	25.7688	25.0952	35.2256	26.6234	25.7909	29.6758	26.6670	25.7634	28.4814	26.6717	25.7722
<i>db1</i>	29.9005	26.4664	25.6972	29.1583	28.0934	27.3029	29.9530	28.5489	27.5470	30.2102	28.5647	27.5539	30.1622	28.5648	27.5540
<i>db2</i>	26.3620	24.6347	23.9581	27.8043	26.9466	26.2170	29.0054	27.6187	26.7359	29.2665	27.5585	26.7071	29.3444	27.5663	26.7088
<i>db3</i>	25.3656	23.6862	22.9492	28.5292	26.6778	25.9651	28.9806	27.4269	26.5634	29.4408	27.4494	26.5552	29.5289	27.4368	26.5570
<i>db4</i>	25.2262	23.3139	22.5570	30.7919	26.3253	25.6081	28.7473	27.1954	26.3022	28.9506	27.1995	26.2895	28.9787	27.2211	26.2957
<i>db5</i>	25.0261	23.1032	22.3642	32.4237	26.3561	25.6643	41.0433	27.4016	26.5107	29.5828	27.3950	26.4686	29.8228	27.4177	26.4718
<i>db6</i>	25.0289	22.8598	22.1219	34.9574	26.3169	25.6476	41.2170	27.2616	26.4494	30.4261	27.3802	26.4509	30.8024	27.3880	26.4560
<i>db7</i>	25.3678	22.6387	21.8829	36.1357	26.0105	25.3762	38.7535	27.2922	26.3511	29.9751	27.3005	26.3157	30.3840	27.3084	26.3218
<i>db8</i>	25.4380	22.5702	21.8143	35.3188	26.1892	25.4533	32.8322	27.2021	26.3480	29.8538	27.3296	26.3330	29.8798	27.3377	26.3447
<i>db9</i>	25.1028	22.5507	21.8045	34.9909	26.2773	25.5658	29.7953	27.3164	26.4535	30.2105	27.4075	26.4231	30.4924	27.4438	26.4532
<i>db10</i>	24.9684	22.4063	21.5797	36.4875	26.0292	25.1603	34.8113	26.7683	25.9971	29.3706	26.9784	26.0891	29.7580	27.0438	26.0737
<i>sym1</i>	29.9005	26.4664	25.6972	29.1583	28.0934	27.3029	29.9530	28.5489	27.5470	30.2102	28.5647	27.5539	30.1622	28.5648	27.5540
<i>sym2</i>	26.3620	24.6347	23.9581	27.8043	26.9466	26.2170	29.0054	27.6187	26.7359	29.2665	27.5585	26.7071	29.3444	27.5663	26.7088
<i>sym3</i>	25.3656	23.6862	22.9492	28.5292	26.6778	25.9651	28.9806	27.4269	26.5634	29.4408	27.4494	26.5552	29.5289	27.4368	26.5570
<i>sym4</i>	24.7037	23.2258	22.4704	27.2328	26.3561	25.6075	28.6165	27.2275	26.3013	29.1690	27.2643	26.2945	29.1711	27.2730	26.2991
<i>sym5</i>	24.3767	22.7859	22.0150	27.0089	26.1609	25.4345	28.6431	27.1750	26.2221	29.4145	27.1859	26.2141	29.4724	27.1912	26.2169
<i>sym6</i>	24.2498	22.7647	21.9893	27.2300	26.3037	25.5707	28.6303	27.1677	26.2791	29.9242	27.2155	26.2837	29.9555	27.2470	26.2900
<i>sym7</i>	24.2881	22.7435	21.9943	27.3065	26.3715	25.6526	28.7276	27.3755	26.5269	29.2899	27.3059	26.4346	29.2432	27.3113	26.4400
<i>sym8</i>	24.0481	22.5475	21.7899	27.1864	26.1004	25.4071	28.3908	27.0843	26.1758	29.7275	27.1505	26.2157	29.7369	27.1523	26.2209
<i>sym9</i>	23.9886	22.3807	21.6440	26.8106	25.9864	25.2974	28.5265	27.0834	26.1911	29.1155	27.0515	26.1339	29.2397	27.0581	26.1372
<i>sym10</i>	23.9993	22.3317	21.5676	27.8692	25.7495	25.0682	28.3035	26.7183	25.9325	29.1786	26.6500	25.8582	29.1989	26.6600	25.8615
<i>bior 1,3</i>	29.3251	26.6345	25.8312	30.8045	28.4756	27.6079	30.9520	29.0094	27.9629	NaN	28.9983	27.9411	NaN	28.9967	27.9411
<i>bior 1,5</i>	29.2467	26.8211	26.0265	30.0193	28.6896	27.8236	30.8860	29.1949	28.1406	31.1358	29.1857	28.1271	31.2568	29.1864	28.1284
<i>bior 2,2</i>	23.9511	23.1580	22.6453	26.7188	25.8074	25.0754	28.5152	26.7580	25.7608	29.4848	26.8901	25.7494	29.5291	26.8700	25.7502
<i>bior 2,4</i>	23.8294	23.0573	22.5330	26.7838	25.8395	25.1029	29.2519	26.8278	25.8499	30.1006	26.8831	25.8066	30.0561	26.8479	25.7990
<i>bior 2,6</i>	23.8352	23.0873	22.5687	26.6480	25.7122	24.9872	28.4359	26.6159	25.6661	29.5313	26.6758	25.6519	29.4344	26.6382	25.6456
<i>bior 2,8</i>	23.8605	23.1280	22.6091	26.8837	25.9010	25.1488	30.2573	27.0185	25.9687	31.5492	27.0853	25.9163	31.4476	27.0432	25.9108
<i>bior3,3</i>	22.7184	21.9950	21.4197	27.4759	25.7727	24.8511	33.4364	28.0714	26.2523	34.1740	28.4670	26.3775	34.8264	28.5458	26.3812
<i>bior 3,5</i>	22.4950	21.7651	21.1748	27.0992	25.3769	24.4784	32.0294	27.3718	25.7629	34.1632	27.7492	25.8855	34.4258	27.6555	25.8706
<i>bior3,7</i>	22.4262	21.6891	21.0982	27.0609	25.3374	24.4508	33.5068	28.5790	25.9458	34.2974	28.6990	25.9218	34.2963	28.6497	25.9089
<i>bior 6</i>	23.6628	22.4268	21.7339	27.5195	26.1487	25.4115	29.0144	27.2203	26.3209	30.1910	27.1750	26.2604	30.1651	27.1773	26.2626

Barevně je vyznačena nejhodnější vlnka pro filtraci.

**Příloha číslo 3.**

	Tabulka výsledných PSNR hodnot pro filtraci vlnkovou transformací s tvrdým prahováním a výpočtem prahu metodou univerzální práh														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	37.3694	34.6126	33.2691	33.1971	31.1245	30.0902	30.8539	28.7584	27.7530	29.4533	27.4480	26.5773	28.8231	27.0280	26.3564
<i>coif2</i>	37.4373	34.7032	33.3934	33.3593	31.1407	30.0717	31.4552	29.0542	27.9876	30.2471	28.0501	26.9780	29.2061	27.1626	26.1502
<i>coif3</i>	37.5543	34.7599	33.3523	33.5460	31.3138	30.1403	30.9645	28.6336	27.4507	29.8652	27.6394	26.4344	29.2248	26.8513	25.6318
<i>coif4</i>	37.8737	34.9814	33.5508	33.9317	31.6402	30.5382	31.9845	29.5594	28.4641	31.0689	28.6817	27.5512	30.7307	28.3476	27.4016
<i>coif5</i>	37.9246	35.0113	33.5655	34.0129	31.6938	30.5937	32.1185	29.6084	28.4055	31.3586	28.9775	27.8482	31.1352	28.7360	27.6601
<i>db1</i>	36.8744	33.6517	32.2258	33.0020	30.4502	29.2802	31.0046	28.6040	27.4700	30.2888	27.8455	26.8236	29.9381	27.6329	26.6733
<i>db2</i>	37.2614	34.4930	33.1993	33.6745	31.4528	30.3471	31.2947	29.2372	28.2731	30.1099	28.0218	27.0794	29.6944	27.7604	26.9432
<i>db3</i>	37.3039	34.6413	33.3858	33.4302	31.3591	30.3202	30.9467	28.7860	27.8438	29.9508	28.0397	27.1414	29.1130	27.3624	26.5023
<i>db4</i>	37.4509	34.6596	33.2974	33.4684	31.2507	30.2577	31.2993	29.0514	28.0561	29.9410	27.9408	27.0239	29.4418	27.3306	26.5639
<i>db5</i>	37.4293	34.6278	33.2106	33.5357	31.2402	30.2306	30.7873	28.5490	27.5665	29.3240	27.1745	26.1176	29.2976	26.9606	25.9832
<i>db6</i>	37.2875	34.5859	33.1830	33.4892	31.2968	30.2892	31.2387	28.9278	27.8875	30.1623	27.8932	26.8547	29.6970	27.4722	26.4004
<i>db7</i>	37.2052	34.5802	33.1667	33.6152	31.3315	30.3576	30.7230	28.6331	27.5224	29.9672	27.7884	26.5820	29.1344	27.0305	25.6591
<i>db8</i>	37.1869	34.5045	33.1557	33.1282	30.9969	30.0419	30.9428	28.7425	27.7476	29.7165	27.6520	26.5615	29.3302	27.3679	26.1489
<i>db9</i>	37.2083	34.5268	33.1656	33.2718	31.1011	30.1320	30.9712	28.7846	27.6213	30.4301	28.1981	27.1337	30.2523	27.8073	26.7203
<i>db10</i>	37.5480	34.7222	33.3225	33.7111	31.4717	30.4837	31.8620	29.7137	28.4952	30.9875	28.7180	27.7173	30.6436	28.1952	27.2304
<i>sym1</i>	36.8744	33.6517	32.2258	33.0020	30.4502	29.2802	31.0046	28.6040	27.4700	30.2888	27.8455	26.8236	29.9381	27.6329	26.6733
<i>sym2</i>	37.2614	34.4930	33.1993	33.6745	31.4528	30.3471	31.2947	29.2372	28.2731	30.1099	28.0218	27.0794	29.6944	27.7604	26.9432
<i>sym3</i>	37.3039	34.6413	33.3858	33.4302	31.3591	30.3202	30.9467	28.7860	27.8438	29.9508	28.0397	27.1414	29.1130	27.3624	26.5023
<i>sym4</i>	37.5187	34.8108	33.4985	33.4807	31.3681	30.3576	31.1419	28.8548	27.8099	29.8939	27.7391	26.7309	29.0568	26.9126	25.9427
<i>sym5</i>	37.2492	34.6398	33.3545	33.2030	31.1796	30.0839	31.0618	28.8087	27.8114	29.7434	27.6988	26.6616	29.3667	27.1751	26.1595
<i>sym6</i>	37.4253	34.7149	33.3601	33.6866	31.4367	30.3086	31.4989	29.1355	27.9809	30.0646	27.9180	26.9252	29.4573	27.0510	25.9015
<i>sym7</i>	37.6794	34.7624	33.4211	33.4367	31.2952	30.1482	31.0153	28.7075	27.6256	29.7781	27.4689	26.3854	29.2034	26.7752	25.7591
<i>sym8</i>	37.4238	34.6866	33.2807	33.6737	31.3745	30.3206	31.3847	29.1172	28.0240	30.1444	28.0277	27.0089	29.7837	27.2460	26.1790
<i>sym9</i>	37.4230	34.6624	33.2417	33.4471	31.3783	30.2328	31.3289	29.0200	27.8905	30.4917	28.0893	26.9862	30.1387	27.7283	26.5840
<i>sym10</i>	37.6061	34.8185	33.3460	34.3811	32.0237	30.9099	31.9362	29.5259	28.4314	30.5765	28.3898	27.2893	30.2259	27.7127	26.6603
<i>bior 1,3</i>	35.3525	32.5268	31.2316	31.5526	29.1447	27.9931	29.1107	26.7621	25.7705	27.7870	25.4690	24.6441	27.1853	24.9496	24.2158
<i>bior 1,5</i>	34.6598	31.9424	30.7137	30.4159	28.1356	27.0762	28.2615	25.9853	24.9354	26.8671	24.6026	23.5463	26.2514	24.0523	23.0701
<i>bior 2,2</i>	38.3403	35.1869	33.1989	34.3888	32.1418	30.8376	31.2967	29.4341	28.4256	30.0292	28.0322	27.0173	29.4254	27.4644	26.6010
<i>bior 2,4</i>	37.7783	34.7295	32.7397	33.7114	31.6323	30.5080	30.7467	28.9973	28.0488	30.3341	28.3016	27.2068	29.3923	27.3437	26.4424
<i>bior 2,6</i>	37.5388	34.5316	32.5229	33.2407	30.9992	29.8215	31.2995	29.2176	28.1928	30.5493	28.2993	27.1778	29.8540	27.6656	26.4165
<i>bior 2,8</i>	37.4293	34.4591	32.3889	32.9615	30.8263	29.7268	30.3551	28.3348	27.2373	29.7541	27.4273	26.3839	29.2684	26.9609	25.8035
<i>bior3,3</i>	38.3848	35.2654	33.1438	31.4679	29.5754	28.6199	27.7686	25.7311	24.8042	25.3124	23.4125	22.5450	24.1898	21.7912	21.0508
<i>bior 3,5</i>	38.2021	35.0826	32.8835	30.6937	28.3882	27.1238	27.8490	25.9664	24.9709	26.2357	24.4721	23.5860	25.2880	23.7328	22.5269
<i>bior3,7</i>	38.1127	34.9431	32.7586	31.3168	29.3271	28.2100	27.3285	25.3234	24.3298	26.6787	24.6026	23.6086	25.8255	23.3216	22.5953
<i>bior 6</i>	37.9559	35.0750	33.5546	34.1925	31.8488	30.6889	31.6847	29.2264	28.1031	30.5726	28.0990	26.9116	29.6299	27.2395	26.0811

Barevně je vyznačena nejhodnější vlnka pro filtraci.

**Příloha číslo 4.**

	Tabulka výsledných hodnot Q-indexu pro filtraci vlnkovou transformací s tvrdým prahováním a výpočtem prahu metodou Normal Srink														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	0.8668	0.8925	0.9044	0.8421	0.8606	0.8753	0.8261	0.8530	0.8741	0.8366	0.8645	0.8787	0.8464	0.8650	0.8787
<i>coif2</i>	0.8941	0.9254	0.9371	0.8500	0.8750	0.8916	0.8316	0.8600	0.8818	0.8469	0.8738	0.8897	0.8540	0.8747	0.8895
<i>coif3</i>	0.9005	0.9321	0.9458	0.8515	0.8805	0.8996	0.8272	0.8618	0.8862	0.8451	0.8781	0.8952	0.8537	0.8779	0.8950
<i>coif4</i>	0.9054	0.9367	0.9499	0.8578	0.8873	0.9057	0.8451	0.8734	0.8960	0.8566	0.8878	0.9048	0.8693	0.8896	0.9048
<i>coif5</i>	0.9058	0.9380	0.9511	0.8561	0.8873	0.9061	0.8457	0.8743	0.8977	0.8603	0.8880	0.9060	0.8660	0.8892	0.9058
<i>db1</i>	0.8632	0.9017	0.9169	0.8404	0.8676	0.8880	0.8243	0.8608	0.8872	0.8396	0.8722	0.8916	0.8466	0.8725	0.8916
<i>db2</i>	0.8696	0.8949	0.9069	0.8453	0.8656	0.8816	0.8262	0.8534	0.8754	0.8465	0.8672	0.8806	0.8484	0.8671	0.8806
<i>db3</i>	0.8892	0.9217	0.9357	0.8411	0.8699	0.8878	0.8213	0.8557	0.8786	0.8319	0.8677	0.8856	0.8425	0.8697	0.8855
<i>db4</i>	0.8974	0.9289	0.9441	0.8516	0.8811	0.9021	0.8336	0.8651	0.8911	0.8532	0.8807	0.8991	0.8554	0.8805	0.8990
<i>db5</i>	0.8968	0.9284	0.9433	0.8455	0.8770	0.8975	0.8240	0.8543	0.8803	0.8390	0.8715	0.8909	0.8462	0.8715	0.8909
<i>db6</i>	0.8971	0.9306	0.9443	0.8427	0.8776	0.8978	0.8214	0.8568	0.8817	0.8355	0.8727	0.8910	0.8445	0.8737	0.8910
<i>db7</i>	0.8978	0.9323	0.9474	0.8479	0.8827	0.9027	0.8234	0.8583	0.8853	0.8404	0.8750	0.8959	0.8462	0.8760	0.8957
<i>db8</i>	0.8994	0.9330	0.9477	0.8458	0.8794	0.8998	0.8266	0.8574	0.8819	0.8363	0.8715	0.8929	0.8461	0.8738	0.8928
<i>db9</i>	0.8987	0.9319	0.9464	0.8409	0.8753	0.8951	0.8207	0.8523	0.8759	0.8335	0.8714	0.8896	0.8422	0.8713	0.8891
<i>db10</i>	0.8983	0.9335	0.9482	0.8490	0.8831	0.9023	0.8441	0.8709	0.8927	0.8459	0.8778	0.8974	0.8593	0.8835	0.8993
<i>sym1</i>	0.8632	0.9017	0.9169	0.8404	0.8676	0.8880	0.8243	0.8608	0.8872	0.8396	0.8722	0.8916	0.8466	0.8725	0.8916
<i>sym2</i>	0.8696	0.8949	0.9069	0.8453	0.8656	0.8816	0.8262	0.8534	0.8754	0.8465	0.8672	0.8806	0.8484	0.8671	0.8806
<i>sym3</i>	0.8892	0.9217	0.9357	0.8411	0.8699	0.8878	0.8213	0.8557	0.8786	0.8319	0.8677	0.8856	0.8425	0.8697	0.8855
<i>sym4</i>	0.8991	0.9259	0.9398	0.8532	0.8774	0.8964	0.8325	0.8637	0.8871	0.8452	0.8766	0.8943	0.8531	0.8767	0.8942
<i>sym5</i>	0.9070	0.9369	0.9503	0.8594	0.8849	0.9048	0.8361	0.8683	0.8936	0.8505	0.8825	0.9007	0.8560	0.8825	0.9006
<i>sym6</i>	0.9057	0.9344	0.9476	0.8532	0.8799	0.8986	0.8335	0.8639	0.8875	0.8441	0.8771	0.8935	0.8514	0.8770	0.8934
<i>sym7</i>	0.9046	0.9352	0.9484	0.8507	0.8791	0.9003	0.8199	0.8496	0.8760	0.8439	0.8728	0.8914	0.8480	0.8727	0.8913
<i>sym8</i>	0.9077	0.9375	0.9502	0.8579	0.8857	0.9042	0.8352	0.8675	0.8908	0.8514	0.8815	0.8990	0.8567	0.8823	0.8988
<i>sym9</i>	0.9102	0.9404	0.9531	0.8619	0.8874	0.9068	0.8337	0.8644	0.8892	0.8502	0.8830	0.9008	0.8581	0.8836	0.9008
<i>sym10</i>	0.9101	0.9403	0.9523	0.8660	0.8917	0.9091	0.8441	0.8716	0.8930	0.8640	0.8900	0.9045	0.8666	0.8899	0.9044
<i>bior 1,3</i>	0.8615	0.8996	0.9158	0.8261	0.8571	0.8807	0.7952	0.8374	0.8693	0.8040	0.8504	0.8758	0.8143	0.8506	0.8758
<i>bior 1,5</i>	0.8593	0.8970	0.9136	0.8193	0.8500	0.8736	0.7959	0.8353	0.8657	0.8104	0.8477	0.8721	0.8130	0.8475	0.8721
<i>bior 2,2</i>	0.9192	0.9330	0.9380	0.8740	0.8897	0.9016	0.8489	0.8721	0.8894	0.8527	0.8784	0.8930	0.8608	0.8794	0.8931
<i>bior 2,4</i>	0.9220	0.9350	0.9398	0.8728	0.8895	0.9017	0.8437	0.8639	0.8822	0.8508	0.8734	0.8895	0.8587	0.8773	0.8907
<i>bior 2,6</i>	0.9224	0.9351	0.9398	0.8754	0.8923	0.9039	0.8493	0.8698	0.8873	0.8567	0.8812	0.8952	0.8642	0.8824	0.8954
<i>bior 2,8</i>	0.9225	0.9350	0.9396	0.8702	0.8886	0.9017	0.8361	0.8601	0.8794	0.8508	0.8744	0.8895	0.8532	0.8744	0.8895
<i>bior3,3</i>	0.9413	0.9516	0.9579	0.8663	0.8933	0.9127	0.8207	0.8593	0.8883	0.8174	0.8604	0.8889	0.8215	0.8620	0.8890
<i>bior 3,5</i>	0.9440	0.9540	0.9601	0.8745	0.9001	0.9178	0.8302	0.8671	0.8931	0.8336	0.8731	0.8982	0.8385	0.8750	0.8982
<i>bior3,7</i>	0.9449	0.9548	0.9607	0.8755	0.9008	0.9180	0.8290	0.8634	0.8896	0.8317	0.8697	0.8973	0.8377	0.8729	0.8974
<i>bior 6</i>	0.9166	0.9414	0.9524	0.8609	0.8854	0.9045	0.8310	0.8588	0.8827	0.8534	0.8785	0.8951	0.8561	0.8785	0.8949

Barevně je vyznačena nejhodnější vlnka pro filtraci.

## Příloha číslo 5.

	Tabulka výsledných hodnot Q-indexu pro filtraci vlnkovou transformací s měkkým prahováním a výpočtem prahu metodou Normal Srink														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	0.8095	0.8534	0.8769	0.7813	0.8009	0.8239	0.7678	0.7954	0.8212	0.7733	0.8070	0.8260	0.7854	0.8073	0.8259
<i>coif2</i>	0.8400	0.8842	0.9056	0.7928	0.8150	0.8374	0.7767	0.8033	0.8277	0.7877	0.8172	0.8357	0.7973	0.8182	0.8355
<i>coif3</i>	0.8475	0.8913	0.9123	0.7918	0.8201	0.8423	0.7681	0.8048	0.8291	0.7839	0.8214	0.8384	0.7950	0.8214	0.8383
<i>coif4</i>	0.8531	0.8972	0.9173	0.7956	0.8294	0.8505	0.7829	0.8214	0.8433	0.8028	0.8358	0.8521	0.8129	0.8374	0.8520
<i>coif5</i>	0.8541	0.8984	0.9187	0.7953	0.8300	0.8507	0.7859	0.8205	0.8429	0.8000	0.8350	0.8525	0.8086	0.8367	0.8524
<i>db1</i>	0.7783	0.8218	0.8427	0.7734	0.7895	0.8108	0.7626	0.7917	0.8167	0.7788	0.8037	0.8216	0.7872	0.8039	0.8216
<i>db2</i>	0.8122	0.8544	0.8780	0.7847	0.8051	0.8292	0.7682	0.7961	0.8223	0.7848	0.8103	0.8282	0.7889	0.8102	0.8281
<i>db3</i>	0.8297	0.8738	0.8974	0.7815	0.8058	0.8301	0.7620	0.7940	0.8198	0.7706	0.8068	0.8274	0.7781	0.8084	0.8274
<i>db4</i>	0.8373	0.8795	0.9027	0.7899	0.8162	0.8398	0.7756	0.8052	0.8307	0.7922	0.8209	0.8390	0.7962	0.8206	0.8390
<i>db5</i>	0.8408	0.8838	0.9059	0.7849	0.8146	0.8369	0.7582	0.7963	0.8214	0.7704	0.8130	0.8320	0.7802	0.8126	0.8319
<i>db6</i>	0.8425	0.8870	0.9087	0.7797	0.8144	0.8366	0.7576	0.7978	0.8224	0.7590	0.8126	0.8312	0.7683	0.8136	0.8312
<i>db7</i>	0.8439	0.8895	0.9114	0.7854	0.8229	0.8444	0.7583	0.8030	0.8290	0.7686	0.8191	0.8394	0.7776	0.8199	0.8392
<i>db8</i>	0.8465	0.8905	0.9119	0.7845	0.8215	0.8431	0.7639	0.8045	0.8280	0.7656	0.8186	0.8389	0.7773	0.8205	0.8388
<i>db9</i>	0.8461	0.8903	0.9119	0.7745	0.8162	0.8377	0.7538	0.7973	0.8211	0.7528	0.8143	0.8340	0.7617	0.8143	0.8335
<i>db10</i>	0.8474	0.8929	0.9148	0.7813	0.8275	0.8479	0.7789	0.8195	0.8400	0.7808	0.8274	0.8458	0.7933	0.8320	0.8472
<i>sym1</i>	0.7783	0.8218	0.8427	0.7734	0.7895	0.8108	0.7626	0.7917	0.8167	0.7788	0.8037	0.8216	0.7872	0.8039	0.8216
<i>sym2</i>	0.8122	0.8544	0.8780	0.7847	0.8051	0.8292	0.7682	0.7961	0.8223	0.7848	0.8103	0.8282	0.7889	0.8102	0.8281
<i>sym3</i>	0.8297	0.8738	0.8974	0.7815	0.8058	0.8301	0.7620	0.7940	0.8198	0.7706	0.8068	0.8274	0.7781	0.8084	0.8274
<i>sym4</i>	0.8423	0.8844	0.9073	0.7947	0.8169	0.8416	0.7768	0.8061	0.8314	0.7860	0.8191	0.8387	0.7953	0.8191	0.8386
<i>sym5</i>	0.8483	0.8916	0.9127	0.8014	0.8217	0.8457	0.7812	0.8107	0.8358	0.7871	0.8247	0.8431	0.7965	0.8248	0.8431
<i>sym6</i>	0.8507	0.8931	0.9145	0.7957	0.8189	0.8420	0.7779	0.8062	0.8309	0.7841	0.8199	0.8375	0.7927	0.8199	0.8374
<i>sym7</i>	0.8497	0.8921	0.9130	0.7919	0.8147	0.8397	0.7636	0.7910	0.8179	0.7803	0.8132	0.8328	0.7890	0.8134	0.8326
<i>sym8</i>	0.8533	0.8963	0.9165	0.8011	0.8243	0.8466	0.7826	0.8111	0.8348	0.7908	0.8250	0.8427	0.7989	0.8257	0.8426
<i>sym9</i>	0.8550	0.8985	0.9181	0.8060	0.8266	0.8489	0.7793	0.8092	0.8336	0.7937	0.8271	0.8449	0.8023	0.8280	0.8448
<i>sym10</i>	0.8571	0.9003	0.9196	0.8123	0.8348	0.8552	0.7926	0.8186	0.8400	0.8058	0.8374	0.8519	0.8119	0.8374	0.8518
<i>bior 1,3</i>	0.7771	0.8217	0.8439	0.7575	0.7794	0.8030	0.7333	0.7712	0.8005	0.7393	0.7846	0.8074	0.7511	0.7849	0.8074
<i>bior 1,5</i>	0.7746	0.8187	0.8412	0.7523	0.7734	0.7959	0.7327	0.7687	0.7953	0.7461	0.7815	0.8023	0.7500	0.7816	0.8023
<i>bior 2,2</i>	0.8738	0.9013	0.9133	0.8171	0.8403	0.8597	0.7904	0.8225	0.8458	0.7841	0.8280	0.8502	0.7954	0.8296	0.8502
<i>bior 2,4</i>	0.8783	0.9042	0.9156	0.8181	0.8419	0.8607	0.7846	0.8161	0.8401	0.7818	0.8257	0.8477	0.7921	0.8299	0.8487
<i>bior 2,6</i>	0.8794	0.9046	0.9155	0.8218	0.8456	0.8636	0.7945	0.8237	0.8452	0.7925	0.8339	0.8539	0.8032	0.8368	0.8544
<i>bior 2,8</i>	0.8798	0.9046	0.9152	0.8171	0.8427	0.8612	0.7743	0.8135	0.8372	0.7715	0.8252	0.8476	0.7819	0.8276	0.8480
<i>bior3,3</i>	0.9059	0.9216	0.9304	0.8089	0.8502	0.8729	0.7144	0.8049	0.8449	0.6892	0.8018	0.8450	0.6847	0.8028	0.8451
<i>bior 3,5</i>	0.9101	0.9253	0.9338	0.8202	0.8593	0.8799	0.7354	0.8188	0.8526	0.7080	0.8197	0.8572	0.7124	0.8247	0.8579
<i>bior3,7</i>	0.9116	0.9266	0.9349	0.8218	0.8609	0.8812	0.7208	0.8099	0.8490	0.7023	0.8127	0.8561	0.7107	0.8180	0.8568
<i>bior 6</i>	0.8634	0.9023	0.9203	0.8014	0.8246	0.8481	0.7726	0.8020	0.8265	0.7852	0.8211	0.8387	0.7929	0.8214	0.8386

Barevně je vyznačena nejhodnější vlnka pro filtraci.



## Příloha číslo 6.

	Tabulka výsledných hodnot Q-indexu pro filtraci vlnkovou transformací s měkkým prahováním a výpočtem metodou univerzální práh														
	Dekompozice														
	1			2			3			4			5		
Vlnky	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7	okno 3x3	okno 5x5	okno 7x7
<i>coif1</i>	0.9929	0.9883	0.9843	0.7813	0.9804	0.9735	0.9811	0.9669	0.9566	0.9763	0.9609	0.9507	0.9753	0.9634	0.9575
<i>coif2</i>	0.9921	0.9873	0.9832	0.7928	0.9801	0.9730	0.9824	0.9681	0.9569	0.9790	0.9645	0.9524	0.9766	0.9629	0.9540
<i>coif3</i>	0.9918	0.9869	0.9827	0.7918	0.9806	0.9733	0.9811	0.9659	0.9539	0.9772	0.9623	0.9472	0.9769	0.9616	0.9493
<i>coif4</i>	0.9921	0.9873	0.9832	0.7956	0.9817	0.9752	0.9846	0.9710	0.9611	0.9820	0.9677	0.9556	0.9824	0.9695	0.9613
<i>coif5</i>	0.9920	0.9872	0.9831	0.7953	0.9818	0.9752	0.9848	0.9709	0.9608	0.9827	0.9701	0.9593	0.9824	0.9705	0.9616
<i>db1</i>	0.9935	0.9881	0.9835	0.7734	0.9782	0.9701	0.9810	0.9668	0.9551	0.9790	0.9635	0.9518	0.9792	0.9677	0.9556
<i>db2</i>	0.9930	0.9885	0.9845	0.7847	0.9812	0.9742	0.9827	0.9697	0.9596	0.9784	0.9647	0.9539	0.9784	0.9678	0.9598
<i>db3</i>	0.9922	0.9876	0.9836	0.7815	0.9807	0.9738	0.9814	0.9671	0.9569	0.9777	0.9655	0.9548	0.9787	0.9659	0.9565
<i>db4</i>	0.9918	0.9869	0.9826	0.7899	0.9805	0.9736	0.9826	0.9684	0.9577	0.9783	0.9659	0.9534	0.9776	0.9653	0.9570
<i>db5</i>	0.9916	0.9865	0.9822	0.7849	0.9802	0.9733	0.9803	0.9653	0.9543	0.9752	0.9618	0.9479	0.9765	0.9624	0.9512
<i>db6</i>	0.9915	0.9864	0.9821	0.7797	0.9802	0.9735	0.9821	0.9688	0.9583	0.9786	0.9652	0.9542	0.9784	0.9656	0.9532
<i>db7</i>	0.9914	0.9862	0.9819	0.7854	0.9806	0.9743	0.9800	0.9667	0.9556	0.9777	0.9650	0.9523	0.9751	0.9621	0.9484
<i>db8</i>	0.9914	0.9863	0.9821	0.7845	0.9795	0.9729	0.9810	0.9685	0.9588	0.9765	0.9637	0.9531	0.9768	0.9643	0.9520
<i>db9</i>	0.9915	0.9863	0.9821	0.7745	0.9798	0.9734	0.9805	0.9684	0.9573	0.9790	0.9679	0.9571	0.9792	0.9669	0.9548
<i>db10</i>	0.9920	0.9870	0.9829	0.7813	0.9811	0.9752	0.9837	0.9735	0.9637	0.9818	0.9709	0.9631	0.9818	0.9699	0.9626
<i>sym1</i>	0.9935	0.9881	0.9835	0.7734	0.9782	0.9701	0.9810	0.9668	0.9551	0.9790	0.9635	0.9518	0.9792	0.9677	0.9556
<i>sym2</i>	0.9930	0.9885	0.9845	0.7847	0.9812	0.9742	0.9827	0.9697	0.9596	0.9784	0.9647	0.9539	0.9784	0.9678	0.9598
<i>sym3</i>	0.9922	0.9876	0.9836	0.7815	0.9807	0.9738	0.9814	0.9671	0.9569	0.9777	0.9655	0.9548	0.9787	0.9659	0.9565
<i>sym4</i>	0.9922	0.9875	0.9837	0.7947	0.9806	0.9740	0.9816	0.9677	0.9567	0.9773	0.9618	0.9499	0.9748	0.9597	0.9491
<i>sym5</i>	0.9919	0.9870	0.9830	0.8014	0.9803	0.9736	0.9813	0.9681	0.9573	0.9770	0.9635	0.9512	0.9762	0.9621	0.9543
<i>sym6</i>	0.9918	0.9869	0.9828	0.7957	0.9806	0.9730	0.9831	0.9693	0.9576	0.9780	0.9645	0.9533	0.9770	0.9614	0.9515
<i>sym7</i>	0.9918	0.9868	0.9826	0.7919	0.9800	0.9727	0.9809	0.9668	0.9553	0.9774	0.9619	0.9485	0.9753	0.9594	0.9497
<i>sym8</i>	0.9916	0.9865	0.9823	0.8011	0.9806	0.9736	0.9825	0.9692	0.9574	0.9785	0.9665	0.9544	0.9789	0.9632	0.9530
<i>sym9</i>	0.9916	0.9866	0.9823	0.8060	0.9811	0.9741	0.9819	0.9682	0.9574	0.9792	0.9630	0.9505	0.9790	0.9645	0.9488
<i>sym10</i>	0.9918	0.9869	0.9826	0.8123	0.9825	0.9760	0.9841	0.9705	0.9600	0.9801	0.9687	0.9567	0.9811	0.9661	0.9557
<i>bior 1,3</i>	0.9897	0.9832	0.9778	0.7575	0.9709	0.9606	0.9734	0.9533	0.9387	0.9675	0.9439	0.9273	0.9648	0.9448	0.9250
<i>bior 1,5</i>	0.9878	0.9804	0.9746	0.7523	0.9658	0.9542	0.9697	0.9467	0.9290	0.9620	0.9359	0.9142	0.9583	0.9361	0.9203
<i>bior 2,2</i>	0.9914	0.9868	0.9828	0.8171	0.9836	0.9773	0.9841	0.9728	0.9633	0.9805	0.9655	0.9528	0.9788	0.9692	0.9540
<i>bior 2,4</i>	0.9908	0.9858	0.9813	0.8181	0.9803	0.9728	0.9832	0.9707	0.9597	0.9811	0.9670	0.9525	0.9799	0.9701	0.9547
<i>bior 2,6</i>	0.9906	0.9853	0.9806	0.8218	0.9797	0.9723	0.9844	0.9714	0.9602	0.9813	0.9676	0.9529	0.9805	0.9706	0.9546
<i>bior 2,8</i>	0.9905	0.9851	0.9800	0.8171	0.9776	0.9696	0.9809	0.9661	0.9541	0.9777	0.9622	0.9461	0.9776	0.9647	0.9493
<i>bior3,3</i>	0.9914	0.9867	0.9828	0.8089	0.9727	0.9648	0.9694	0.9498	0.9356	0.9585	0.9304	0.9106	0.9550	0.9188	0.8929
<i>bior 3,5</i>	0.9913	0.9865	0.9821	0.8202	0.9707	0.9610	0.9737	0.9547	0.9397	0.9658	0.9422	0.9216	0.9625	0.9431	0.9174
<i>bior3,7</i>	0.9911	0.9862	0.9817	0.8218	0.9716	0.9629	0.9694	0.9487	0.9334	0.9653	0.9418	0.9228	0.9634	0.9419	0.9259
<i>bior 6</i>	0.9917	0.9869	0.9827	0.8014	0.9819	0.9749	0.9835	0.9688	0.9577	0.9808	0.9658	0.9507	0.9783	0.9644	0.9513

Barevně je vyznačena nejhodnější vlnka pro filtraci.