Noise	Image	WNN-I	WNN	LNN	TNN with $r = 1$	S_p with $p = 0.1$	S_p with $p = 0.$
$\sigma = 10$	airplane	34.732	34.352	34.130	30.146	**34.495**	31.527
	boat	33.727	33.186	33.309	30.023	**33.512**	31.090
	couple	33.735	33.247	33.240	30.019	**33.551**	31.006
	fingerprint	31.069	30.907	30.696	29.420	**30.999**	29.783
	hill	33.715	33.300	33.386	30.075	**33.629**	31.101
	Lena	35.721	35.308	35.026	30.282	**35.496**	31.724
	man	33.436	32.998	33.069	29.998	**33.329**	30.963
	peppers	35.965	35.593	35.149	30.292	**35.736**	31.714
$\sigma = 30$	airplane	28.749	28.077	28.200	**26.357**	28.242	27.176
	boat	27.875	27.144	**27.413**	26.013	27.273	26.588
	couple	27.698	26.893	**27.198**	25.885	27.046	26.359
	fingerprint	24.919	24.637	24.776	24.193	**24.790**	24.221
	hill	28.472	27.759	**28.013**	26.436	27.868	27.025
	Lena	29.929	29.060	29.167	26.970	**29.186**	27.803
	man	27.897	27.337	**27.535**	26.089	27.471	26.589
	peppers	29.986	29.239	29.202	26.992	**29.356**	27.732
$\sigma = 50$	airplane	26.193	25.407	25.408	24.811	**25.471**	25.3815
	boat	25.537	24.789	**24.871**	24.472	24.825	24.802
	couple	25.268	24.571	**24.644**	24.284	24.595	24.590
	fingerprint	22.662	22.383	22.361	21.871	**22.442**	22.367
	hill	26.349	25.572	**25.615**	25.432	25.587	25.570
	Lena	27.476	26.622	26.519	26.243	**26.699**	26.526
	man	25.710	25.075	25.098	24.782	**25.128**	25.053
	peppers	27.235	26.411	26.236	26.052	**26.518**	26.291
$\sigma = 70$	airplane	24.550	23.684	23.481	23.068	**23.967**	23.772
	boat	24.144	23.228	23.120	22.945	**23.406**	23.180
	couple	23.907	23.079	22.945	22.844	**23.279**	23.053
	fingerprint	21.411	20.858	20.686	20.245	**21.050**	20.839
	hill	25.023	24.054	23.898	24.056	**24.315**	24.106
	Lena	26.011	24.699	24.420	24.573	**25.122**	24.929
	man	24.366	23.459	23.299	23.331	**23.712**	23.499
	peppers	25.360	24.277	23.942	24.155	**24.729**	24.584
$\sigma = 100$	airplane	23.086	22.015	22.193	21.723	**22.318**	21.764
	boat	22.737	21.690	21.842	21.623	**21.853**	21.446
	couple	22.631	21.530	**21.691**	21.607	21.681	21.187
	fingerprint	20.079	19.253	19.384	18.991	**19.417**	18.687
	hill	23.597	22.406	22.605	22.583	**22.609**	22.051
	Lena	24.531	22.660	22.881	22.749	**23.051**	22.430
	man	23.016	21.832	22.017	21.981	**22.067**	21.531
	peppers	23.648	22.258	22.447	22.364	**22.708**	22.085