TABLE I
PARAMETERS OF DENOISING EFFECT OF SIMULATED PD SIGNALS

SNR	Method	V_{TP}	R_{MSE}	N_{CC}	S_{NR}
0dB	EMD	0.8683	0.0481	0.7814	4.0656
	ASVD	1.7566	0.0348	0.8932	6.8863
	WT	0.863	0.0461	0.8001	4.4327
	Proposed method	1.012	0.0240	0.9518	10.1207
-3dB	EMD	0.6997	0.0515	0.7474	3.4703
	ASVD	1.9889	0.0436	0.8346	4.9103
	WT	0.7047	0.0461	0.8001	4.4327
	Proposed method	0.9527	0.0335	0.9014	7.2084
-5dB	EMD	0.8219	0.0513	0.7692	3.5101
	ASVD	4.2432	0.0728	0.7031	0.4679
	WT	0.6936	0.0521	0.7524	3.3777
	Proposed method	1.0949	0.0371	0.8759	6.3302

In the 6th column, S_{NR} is the signal to noise ratio of denoised signal.