

		Denoising								
		Berkeley1		Berkeley2		Berkeley3		Run Time		
Method	Dic. Size	PSNR (dB)	Time (min)	PSNR (dB)	Time (min)	PSNR (dB)	Time (min)			PSNR (dB)
Proposed ($\alpha = 1/k_i$)	40k	18.55	0.07	20.46	0.07	17.02	0.07	1x	17.16	0.02
Proposed ($\alpha = 0.1$)	40k	18.79	0.21	20.70	0.21	17.76	0.21	3x	17.42	0.04
OMP	40k	18.37	21.41	19.89	21.46	19.27	17.37	286x	16.94	0.55
SPGL1	4k	14.92	95.81	16.06	90.42	16.34	80.96	1272x	17.27	13.88
FPC_AS	4k	13.64	124.2	14.85	123.0	14.85	123.0	1763x	17.24	2.44
GPSR	4k	18.72	30.29	20.40	26.55	19.36	39.81	460x	17.24	11.37
KD-Tree	40k	18.06	101.7	19.63	101.7	17.21	101.7	1452x	16.77	2.66
ANN	40k	18.03	24.58	19.59	25.41	16.60	25.29	358x	16.77	0.83