

Table 3 Performance

No.	Stoke number	Layer#	Opacity RMSE of coherent lines		Runtime of Layer (sec)	Runtime of MSERs(sec)
			By Eq.1	By Eq.5		
Chinese1 (548*732)	110	1	25.12	15.39	162.21	0.85
		2	8.89	5.92		
		3	15.74	9.63		
Chinese2 (472*784)	38	1	38.41	26.33	70.54	0.32
		2	21.28	16.37		
		3	5.26	4.19		
Chinese3 (387*651)	201	1	10.55	10.32	314.98	1.51
		2	15.27	11.84		
		3	25.94	18.35		
Chinese4 (560*812)	258	1	16.44	10.25	387.11	0.85
		2	20.54	15.04		
		3	10.56	5.87		
Chinese5 (516*875)	292	1	17.58	13.87	311.25	0.64
		2	19.78	8.72		
		3	22.47	17.24		
Rosemaling1 (400*522)	114	1	27.11	21.42	164.87	0.75
		2	17.52	14.58		
		3	16.2	17.99		
		4	19.24	11.51		
Rosemaling2 (556*668)	220	1	15.44	12.84	157.32	0.45
		2	21.22	24.71		
		3	25.72	19.95		
		4	24.98	21.36		
Van gogh1 (450*349)	1668	1	10.18	28.11	384.68	0.51
		2	12.27	14.11		
		3	22.34	13.41		
		4	11.85	8.65		
Van gogh2 (357*651)	1501	1	15.89	14.25	354.52	3.74
		2	19.54	15.49		
		3	17.21	12.985		