

Arch-filters	training set r	$r=3$	$r=5$	$r=7$	$r=9$	$r=11$	all	seen r	unseen r
blurred image	—	23.42	21.90	20.96	20.28	19.74	21.26	—	—
CNN	{7}	-8.20	-2.10	+1.77	+0.21	-0.73	-1.81	+1.77	-2.71
CNN	{3, 7, 11}	+0.55	-0.25	+0.49	+0.69	+0.56	+0.41	+0.54	+0.22
ACNN (ours)	{3, 7, 11}	+0.77	+0.06	+1.17	+0.94	+1.28	+0.84	+1.08	+0.50
CNN	{3, 5, 7, 9, 11}	+0.28	+0.45	+0.62	+0.86	+0.59	+0.56	+0.56	—
ACNN (ours)	{3, 5, 7, 9, 11}	+0.71	+0.92	+1.00	+1.28	+1.22	+1.03	+1.03	—