	T	1	1.	1.		1	T			
	airplane	barbara	boats	lena	mandril	peppers	tiffany	zelda	max	min
	510x510	510x510	510x510	510x510	510x510	510x510	510x510	510x510		
	annularvar	annularvar	annularvar	annularvar	annularvar	annularvar	annularvar	annularvar		
brightness -20%	7.4	7.8	12.5	7	5.4	10.9	2.7	14.1	14.	1
brightness -15%	4.7	6.2	7.4	7.4	6.2	7.8	2.7	11.7	11.	7
brightness -10%	3.1	6.2	6.2	6.6	5	7	2.7	8.2	8.	2
brightness -5%	2.3	0.7	4.7	3.9	7.8	5.8	2.7	7.8	7.	3
brightness 5%	0		0.7	4.7	1.5		3.5	1.5	4.	
brightness 10%	2.7	3.1	2.3	7	3.1	2.7	5	3.1		
brightness 15%	3.5	6.2	3.5	6.2	1.1	5.4	7.8	9.4	9.	`-
brightness 20%	4.7	4.7	7.8	5.4	4.7	5.8	13.3	9.4	13.	+
brightness 20%	4.7	4.7	7.0	3.4	4.7	3.0	13.3	5.4	15.	•
										-
contrast -20%	0.3	2.3	1.1	1.1	1.5	3.9	2.7	3.1	3.	
contrast -15%	0.3	1.1	0.3	1.1	1.1	3.1	2.3	4.7	4.	+
contrast -10%	0	0.7	1.1	1.5	0.7	6.6	3.5	3.5	6.	5
contrast -5%	1.9	3.9	2.7	1.5	1.1	5.8	3.1	4.3	5.	3
contrast 5%	5.4	4.7	7	4.3	7.4	7.4	2.7	8.6	8.	5
contrast 10%	3.5	1.9	5.8	7	7.4	7.8	3.5	8.6	8.	5
contrast 15%	3.9	5.8	6.2	8.2	7	8.6		9.4	9.	
contrast 20%	2.7	4.7	9				8.2	9		
	2.7	7.7		3.0		0.0	5.2			
										+
	F 4	0.0	-	7.0	4.3	7.0	2.0	10.1	10	+
gamma 0.75	5.4	8.6	5	7.8		7.8	3.9	10.1	10.	
gamma 0.8	5		7	7	5.8	8.2	3.9	10.9	10.	+
gamma 0.85	4.3	9		7	4.7	6.2	2.3	10.5	10.	+
gamma 0.9	3.9	7	6.6		5.8		2.7	9.8	9.	
gamma 1.05	4.7	9	2.3	5.4	3.9	3.5	3.1	10.1	10.	1
gamma 1.1	4.7	4.7	3.9	3.1	5.4	5.8	2.7	9.4	9.	1
gamma 1.15	5	6.6	5	7.8	5.8	8.6	1.5	5.8	8.	5
gamma 1.2	4.7	6.2	3.9	6.2	5.4	8.6	2.7	7	8.	5
gamma 1.25	4.3	5.8	4.7	7.4	7.4	8.6	3.1	9.8	9.	3
blur 0.5	3.9	8.2	3.9	5	4.7	9	2.7	7.4)
								7.4		
blur 1	4.3	5.4	4.7	9.8		4.7	2.3		9.	1
blur 2	9.4		6.6	10.9	8.6				11.	
blur 3	15.6	10.5	12.1	11.7	11.3	12.9	10.1	13.3	15.	5
compress 5	13.3	8.6	8.6	9.8	12.5	10.5	9	11.7	13.	3
compress 10	6.6	7	5.4	9.8	9.4	7.8	2.7	8.6	9.	3
compress 25	5	7	6.6	10.1	4.7	7.8	3.9	6.6	10.	1
compress 50	3.9		7.8							
compress 75	4.3							7	7.	
compress 100	0.3		0.3						4.	
compress 100	0.3	0.7	0.3	1.5	3.1	4.3	1.9	2.7	4.	+
	+									+
			_	_				2.5		
color noise 0.5	3.9								9.	
color noise 1	4.7			7						
color noise 1.5	7.8				8.6				11.	
color noise 2	9.4	10.5	6.6	9.8	9.8	9.8	7.8		15.	2
color noise 2.5	10.1	12.1	5.4	12.9	10.1	12.1	9	17.6	17.	5
color noise 3	12.1	12.9	7	13.7	12.1	12.1	11.7	18.8	18.	3
										Ī
gray noise 0.5	4.3	7.8	5.4	7	5.8	6.6	4.7	7.8	7.	3
gray noise 1	5.4		5.8							
	5.8		5.4					10.1	10.	
gray noise 1.5							6.2			
	7.8									
gray noise 2		12.1	8.2	9			13.3	12.9		
gray noise 2.5	11.7					16	15.2	12.5	1	5
	11.7 11.3		10.5	9.4	14.1		10.2			
gray noise 2.5			10.5	9.4	14.1	10	10.12			
gray noise 2.5			10.5	9.4	14.1		1912			
gray noise 2.5		14.1)
gray noise 2.5 gray noise 3	5.8	14.1	5.8	8.6	7.8	5.4	3.9	9	7.	
gray noise 2.5 gray noise 3 resize 25% resize 50%	5.8 3.9	14.1 9 7.4	5.8	8.6 6.6	7.8 6.2	5.4	3.9 3.1	9 7.4	7.	1
gray noise 2.5 gray noise 3 resize 25%	5.8	14.1 9 7.4 0.3	5.8 5 0.7	8.6 6.6	7.8 6.2 1.1	5.4 7 3.1	3.9 3.1 3.1	9 7.4 1.9	7.	1

rotation 90 0.7 0.7 0.7 0.0 0.0 7. 0.3 1.1 1.9 1.3 rotation 45 90.7 6.3 64.7 59.6 47.6 54.9 40 61.1 1.0 rotation 45 90.7 6.3 64.7 59.6 47.6 54.9 40 61.1 1.0 rotation 30 46.8 57.2 6.6 61.1 57.5 54.5 54.5 50.0 51.3 3.3 1.0 rotation 3.0 45.8 57.2 6.6 61.1 57.5 54.5 54.5 50.0 51.3 3.3 1.0 rotation 3.0 45.8 57.2 61.0 61.5 61.1 57.5 54.5 54.5 50.0 51.3 3.3 1.0 rotation 3.0 45.8 57.2 61.0 61.5 61.0 50.1 3.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Г	1								l	
rotation 45	resize 400%	2.3	3.5	1.5	2.3	1.1	3.5	1.9	4.3	4.3	
rotation 45											
rotation 45											
Treatment 30	rotation -90	0.7	0.7	0	0	0.7	0.3	1.1	1.9	1.9	
materion 15	rotation -45	40.7	64.3	64.7	59.6	47.4	54.9	49	61.1		
Treatments 5 5.56 6 427 372 403 384 368 364 564 564 Treatments 5 56 427 372 386 392 382 383 368 56 56 10 10 10 15 56 5427 372 386 50 10 10 15 15 15 15 15 15 15 15 15 15 15 15 15	rotation -30	45.8	57.2	58	63.1	52.5	54.5	50.9	51.3		
Triangle 3	rotation -15	45	57.2	60	61.5	63.1	33.7	42.3	53.3		
Trotation 5		55.6		37.2					56.4		
Instalant 15											
TOTATION 20											-
Transition 45											+
relation 90 0.7 0.7 0.0 0.0 0.7 0.3 1.1 1.9 1.9 1.9 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0											
Tottrop 1											-
reture po 2 reture po 2 reture po 3 30 78 62 58 47 78 59 89 98 reture po 7 reture po 1 ret	rotation 90	0.7	0.7	0	0	0.7	0.3	1.1	1.9	1.9	
return 2											
return 2											
rescrip 5	rotcrop 1	4.7	6.6	3.5	6.2	4.3	5	4.7	8.6	8.6	
reture p7	rotcrop 2	4.3	9.4	5.4	9.4	5.8	8.6	4.3	11.3	11.3	
retorp 10	rotcrop 5	3.9	7.8	6.2	5.8	4.7	7.8	5	9.8	9.8	
reture p 15	rotcrop 7	7	5.4	1.9	3.5	1.5	4.7	3.5	6.6	7	
reture p 15	· · · · · · · · · · · · · · · · · · ·										
reture 20											
retrorp 30											
retcrop 45											
Technology	'										
Riop	· ·										
flip 0	готсгор 90	0.7	0.7	0	0	0.7	0.3	1.1	1.9	1.9	
flip 0											
flip 0											
transpose	flop	0	0	0	0	0	0	0	0	0	
translate north (black) 47	flip	0	0	0	0	0	0	0	0	0	
translate north (black) 47	transpose	0.7	0.7	0	0	0.7	0.3	1.1	1.9	1.9	
translate morth west (black)	transverse	0.7	0.7	0	0	0.7	0.3	1.1	1.9	1.9	
traslate west (black)											
traslate west (black)											
translate morth west (black)	translate north (black)	47	/13 Q	38	40.7	18.6	38./	56	//9		
translate northwest (black) 41.5 41.9 51.7 44.3 47 32.5 53.3 50.1 translate north vs west (black) 47 43.9 38 40.7 48.6 38.4 56 49											-
translate north vs west (black) 47 43.9 38 40.7 48.6 38.4 56 49	` '										
translate north (white)	· · · · · · · · · · · · · · · · · · ·										
traslate west (white)	translate north vs west (black)	47	43.9	38	40.7	48.6	38.4	56	49		-
traslate west (white)		\vdash									
traslate west (white)											
translate northwest (white) 67.4 45.8 45 56.8 50.9 45.4 38 48.6 translate north vs west (white) 52.9 54.9 53.7 42.3 41.5 48.2 50.9 48.2	translate north (white)	52.9	54.9		42.3	41.5	48.2	50.9	48.2		
translate north vs west (white) 52.9 54.9 53.7 42.3 41.5 48.2 50.9 48.2 watermark 20% 14.5 14.5 11.7 13.7 9.8 14.5 10.5 15.2 15.2 watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 80% 22.3 23.5 17.2 27 19.2 21.5 23.9 21.1 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 1 55.2 40.7 34.5 39.2 36.2 36.2 30.9 38.4 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6	traslate west (white)	44.7	41.1	55.2	52.1	44.3	46.2	32.5	47.4		
watermark 20% 14.5 14.5 11.7 13.7 9.8 14.5 10.5 15.2 15.2 watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5	translate northwest (white)	67.4	45.8	45	56.8	50.9	45.4	38	48.6		
watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4	translate north vs west (white)	52.9	54.9	53.7	42.3	41.5	48.2	50.9	48.2		
watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4											
watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4											
watermark 40% 15.2 18.8 15.2 19.6 16 17.6 16.8 17.2 watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4	watermark 20%	14.5	14.5	11.7	13.7	9.8	14.5	10.5	15.2	15.2	
watermark 60% 19.6 19.2 15.2 22.7 19.2 21.5 23.9 21.1 watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6										15.2	†
watermark 80% 22.3 23.5 17.2 27 18.8 19.6 27 21.5 watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 36.8 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6											
watermark 100% 25 20.7 16 27.8 20.3 20.3 27.8 21.5 shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 32.5 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3											
shear 1 29.8 16 14.9 17.2 13.7 15.2 21.1 16.4 shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td></t<>											
shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10	watermark 100%	25	20.7	10	21.8	20.3	20.3	27.8	21.5		
shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10											1
shear 2 43.9 29 21.9 25.4 18 21.9 27.4 24.3 shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10											
shear 3 48.2 31.7 27 30.5 22.3 30.1 32.9 26.2 shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1											
shear 4 49.4 32.1 29 31.7 28.2 31.3 37.2 33.3 shear 5 50.1 34.1 27.4 30.5 31.7 28.6 33.7 36.8 shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 </td <td></td>											
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shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6	shear 4	49.4	32.1	29	31.7	28.2	31.3	37.2	33.3		
shear 10 55.2 47.4 32.5 36.8 35.2 28.6 33.7 32.5 32.5 arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6	shear 5	50.1	34.1	27.4	30.5	31.7	28.6	33.7	36.8		
arc 1 27.4 12.5 13.3 11.7 13.3 14.1 14.9 18.4 arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6		55.2		32.5	36.8	35.2	28.6	33.7	32.5		
arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											
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arc 2 34.9 17.6 16.8 16.4 16 16 20.3 22.7 arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6	arc 1	27./	12 5	12 2	11 7	12 2	1/1 1	1/1 0	10 /		
arc 3 43.5 24.3 23.5 23.1 22.7 23.1 26.6 27.8 arc 4 46.6 26.6 29.4 25.4 26.2 24.7 30.5 34.9 arc 5 50.9 32.1 32.5 26.6 26.6 25.4 32.5 35.6 arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											
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arc 10 55.2 40.7 34.5 39.2 36 32.9 34.1 38 barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											-
barrel 0.1 40.7 28.6 25.8 23.5 24.3 26.2 30.9 38.4 barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											
barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6	arc 10	55.2	40.7	34.5	39.2	36	32.9	34.1	38		
barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											
barrel 0.2 41.9 37.2 33.7 35.2 33.7 30.9 38 48.6											
	barrel 0.1	40.7	28.6	25.8	23.5	24.3	26.2	30.9	38.4		
		41.9	37.2	33.7	35.2	33.7	30.9	38	48.6		
DOULD 1 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01 10.01	barrel 0.3	48.6		41.5	38.8	45.8		43.1	42.3		

barrel 0.4	47.4	45.8	43.5	41.9	54.9	38	44.3	43.1		
pincushion -0.1	53.3	42.7	43.1	45.8	48.6	36	38.4	39.6		
pincusion -0.2	56.8	42.7	43.1	50.9	53.3	37.2	38.4	39.6		
pincusion -0.3	52.5	44.7	47.4	54.1	59.2	36.4	40.3	56.4		
pincusion -0.4	56.4	45.8	48.6	51.3	51.7	34.9	37.6	55.6		
airplane	0	56	61.5	60	55.2	47.8	53.7	48.2		
barbara	56	0	41.5	36	36	38.8	47.8	34.5		
boats	61.5	41.5	0	47.8	43.1	52.9	54.9	44.7		
lena	60	36	47.8	0	32.1	37.2	41.5	47		32.1
mandril	55.2	36	43.1	32.1	0	42.7	49.4	40		
peppers	47.8	38.8	52.9	37.2	42.7	0	41.1	34.9		
tiffany2	53.7	47.8	54.9	41.5	49.4	41.1	0	47.8		
zelda	48.2	34.5	44.7	47	40	34.9	47.8	0		
Threshold Range									18.8	32.1
Separability (max-min)										13.3
Insensitive: rotation-crop, flip-	flop-trans and	watermark	20%							
Sensitive: all distortions										