

EVALUATION OF DISTORTION ERROR WITH FUZZY LOGIC

• Distortions in the design and manufacturing processes of camera lenses inherently cause distortion in the image captured by the sensors or by film of the camera (Goldberg, 1992).The six major types of errors are spherical aberration, come astigmatism, field curvature, lens radial distortion and chromatic distortion (Choi et al., 2006). There can be found three types of distortions, radial distortion, tangential distortion, mustache distortion (moustache distortion).





	NCLUSIONS		
Interpolation	Fuzzy	% Success	
67,79	66,8		
33,44	32,6	98	
-73,39	-71,3	97	
306,78	304,9	90	
58,85	59,6	98	
29	28,6	98	
172,22	171,9	99	
24,47	22,4	91	
49,93	48,6	97	
13,84	12,7	91	
51,58	53,6	96	
5,20	5,8		