im\_feature notes  
  
size 200  
  
im\_features(im,im,{'Area','Perimeter'});  
For size 200 the best paramatric classifier = qdc, with mean error = 0.601675   
For size 200 the best k = 20, with mean error = 0.590325

testing parzen  
For size 200 the best h = 4, with mean error = 0.581450

For size 200 the mean error of the neural network classifier = 0.576406

AutoNeuralNet, untrained mapping --> neurc  
  
im\_features(im,im,{'Eccentricity'});

0.75  
  
im\_mean

0.54  
  
im\_features(im,im,{'Centroid'});

0.54  
  
im\_features(im,im,{'Area'});

0.77  
  
im\_features(im,im,'all');  
For size 200 the best paramatric classifier = loglc, with mean error = **0.127869**   
For size 200 the best k = 7, with mean error = 0.411937  
For size 200 the best h = 4.500000e+00, with mean error = 0.412300

For size 200 the mean error of the neural network classifier = 0.135356

Logistic, untrained mapping --> loglc  
  
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features en moments combined  
  
type = {'central','none'};sets = {[0 1 2 3 4],[0 1 2 3 4]}; im\_features(im,im,'all')  
For size 200 the best paramatric classifier = fisherc, with mean error = **0.070056**  
For size 200 the best k = 6, with mean error = 0.541081  
For size 200 the best h = 0, with mean error = 0.900000

For size 200 the mean error of the neural network classifier = 0.132225

Fisher, untrained mapping --> fisherc

type = {'none'};sets = {[0 1 2 3 4],[0 1 2 3 4]}; im\_features(im,im,'all')  
For size 200 the best paramatric classifier = fisherc, with mean error = **0.090425**  
For size 200 the best k = 12, with mean error = 0.655231  
For size 200 the best h = 1, with mean error = 0.899963

For size 200 the mean error of the neural network classifier = 0.179719

Fisher, untrained mapping --> fisherc­­