

## Disciplina: Processamento Digital de Imagens



#### #8

### GlobalThresholding

- (a) Write a function *g=globalThresh(f, detT)* that implements the global thresholding algoritm presented in the our class about it. The input image should be scaled automatically to the range [0,1]. Use delT=0,01 as default for this parameter.
- (b) Read the image rice-shaded.tif and thresholding it using *globalThresh* with its default settings. Explain the reasons for any erros.
- (C) Are there any other values of delT besides the default we used in (b) that you think could potentially improve the result from (b)? If your answer is no, explain why. If is yes, explain why. Then try your suggested value (s) of delT and display the result(s).



# Disciplina: Processamento Digital de Imagens



### What should be uploaded?

- 1.m file (commented);
- 2. Input and processed Images
- 3. Reports.