

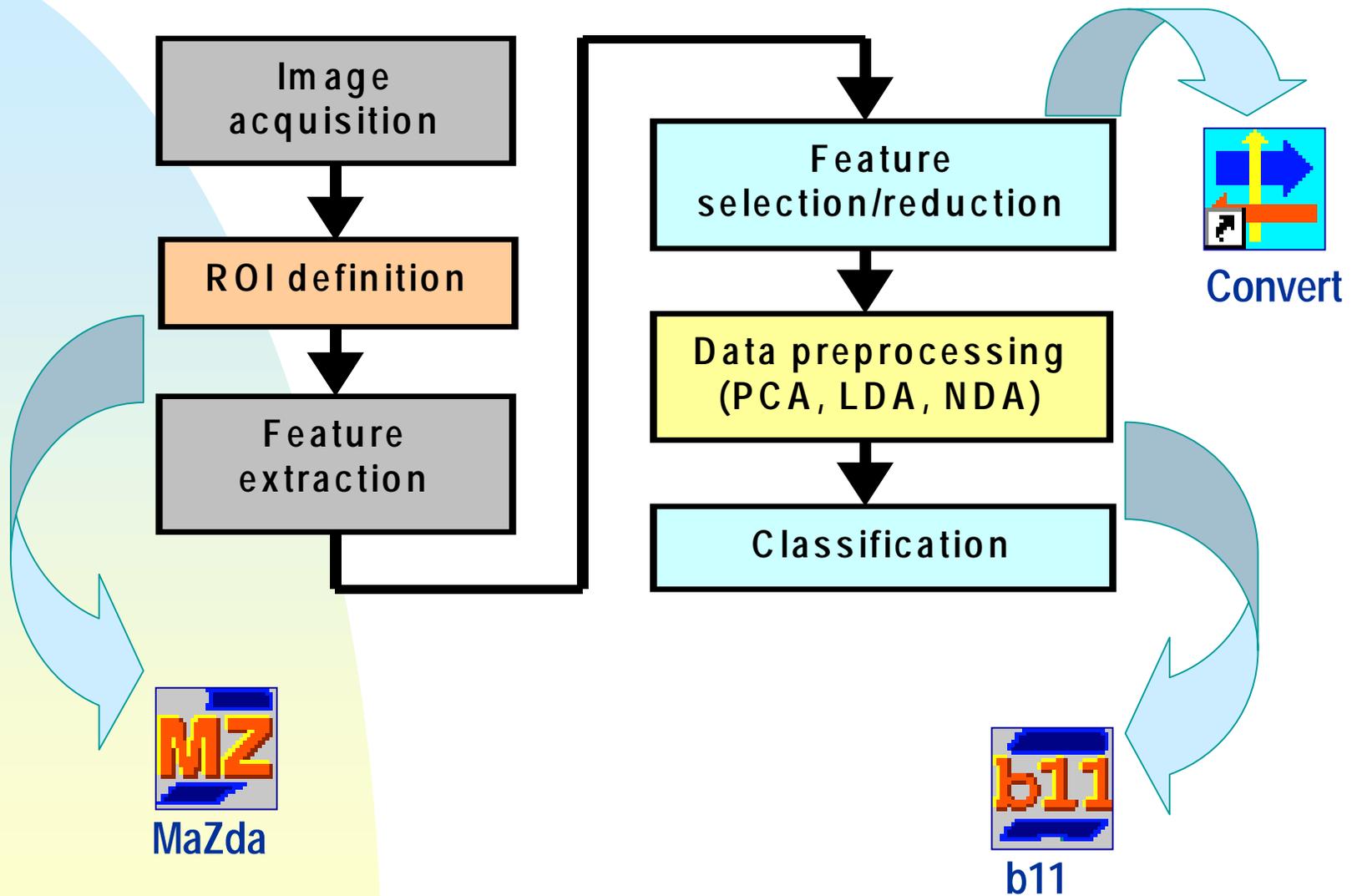
# Functionality of MaZda

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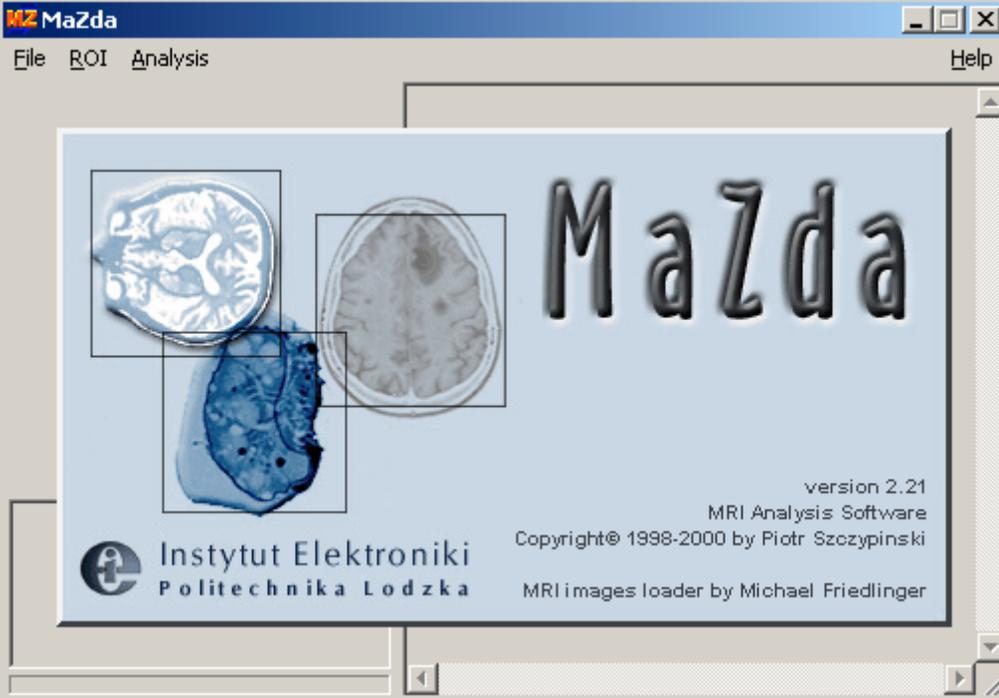
**Andrzej MATERKA,**

**Technical University of Lodz, Poland**

# Methods



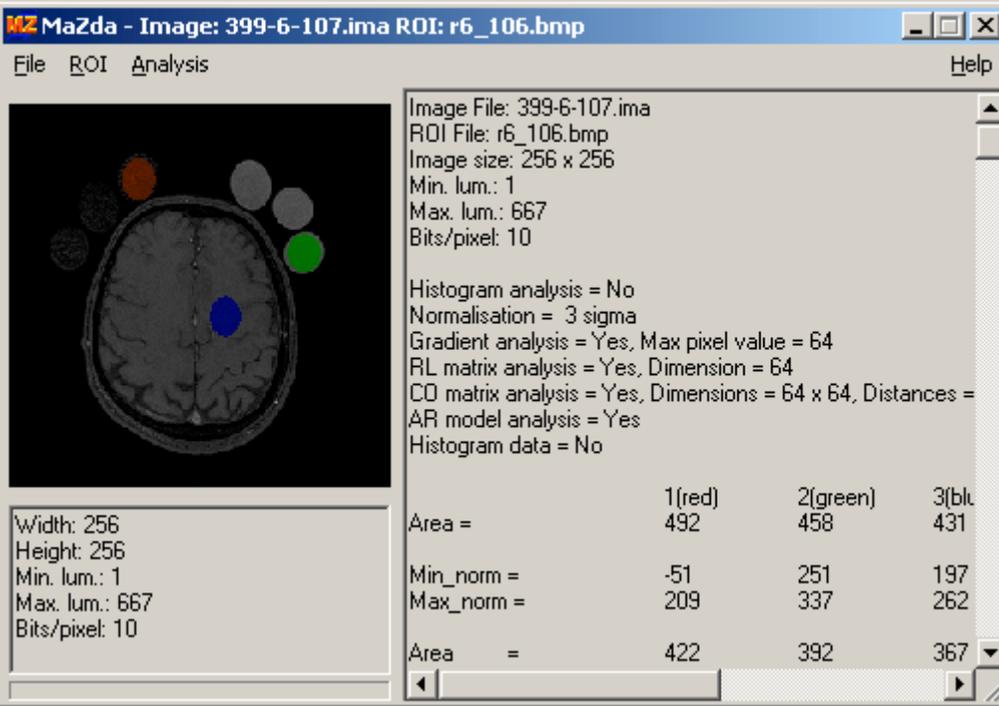
# MaZda, ver. 2.21



Input: images in 11 file formats

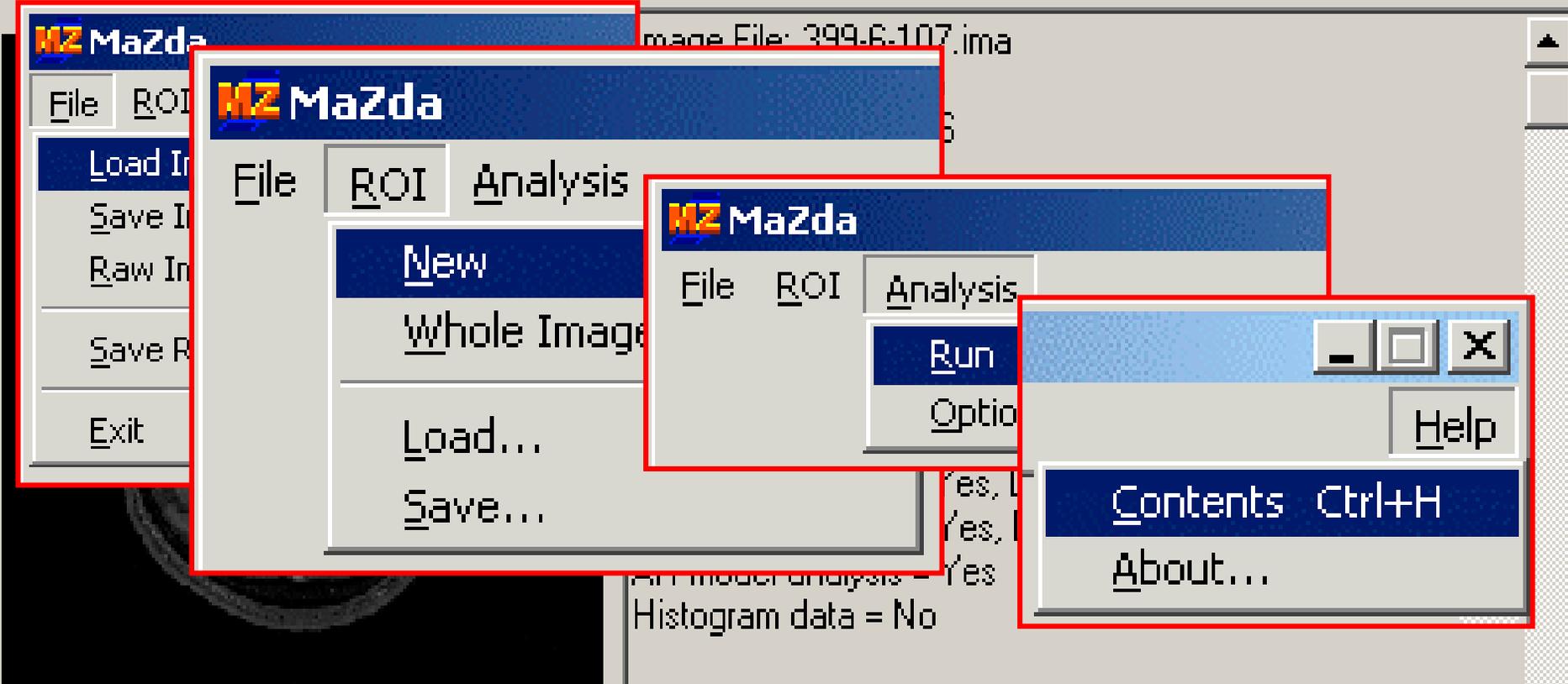
## Methods

histogram, gradient, CO matrix,  
AR model (total of 259 features)



## Output:

- (\*.par) text file,
- (\*.bmp) histograms
- (\*.bmp) feature maps



Width: 256  
 Height: 256  
 Min. lum.: 1  
 Max. lum.: 667  
 Bits/pixel: 10

Yes, I  
 Yes, I  
 Yes

Can model analysis = Yes  
 Histogram data = No

	1 (red)	2 (green)	3 (bl)
Area =	492	458	431
Min_norm =	-51	251	197
Max_norm =	209	337	262
Area =	422	392	367

«

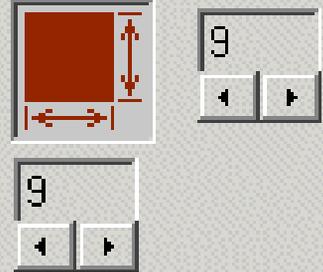
Features Maps

- [-] RLM
  - [-] Horzl
    - ✓ RLNonUni
    - ✗ GLevNonU
    - ✗ LngREmph
    - ✗ ShrtREmp
    - ✗ Fraction
  - [+] Vertl
  - [+] 45dgr
  - [+] 135dr
- [+] COM
- [-] Gradient
  - ✗ Mean
  - ✓ Variance
  - ✗ Skewness
  - ✗ Kurtosis
  - ✗ ...

Select  Clear

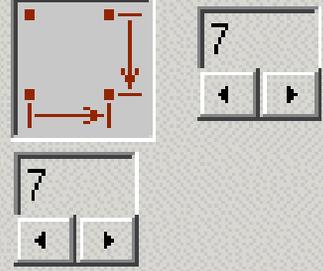
Features selected

Mask



9

Step



7

OK Cancel

# MaZda - feature maps

