Ruby master - Bug #7620

Incorrect exception for non-square matrix in Matrix::LUPDecomposition#det

12/25/2012 07:39 AM - pypypy567 (py _)

Status: Closed
Priority: Normal
Assignee: marcandre (Marc-Andre Lafortune)
Target version: 2.0.0
ruby -v:
ruby 2.0.0dev (2012-11-01)
[i386-mswin32_100]

Description
If m is a non-square matrix, m.lup.det should raise Matrix::ErrDimensionMismatch, but it raises NoMethodError.

ruby -rmatrix -e 'Matrix
0, 0
.lup.det'
C:\ruby200\lib\ruby\2.0.0\matrix\lup_decomposition.rb:80:in det': undefined methodsquare?' for #
Matrix::LUPDecomposition:0xbb4284 (NoMethodError)
from -e:1:in `'

History
#1 - 12/27/2012 01:05 PM - marcandre (Marc-Andre Lafortune)
  - Assignee set to marcandre (Marc-Andre Lafortune)

#2 - 12/27/2012 01:05 PM - marcandre (Marc-Andre Lafortune)
  - Status changed from Open to Assigned

#3 - 01/25/2013 12:13 PM - ko1 (Koichi Sasada)
  (I'm not sure about this issue)
  marcandre, Is this 2.0 issue? High priority? (release blocker?)

#4 - 01/25/2013 02:42 PM - marcandre (Marc-Andre Lafortune)
  - Category set to lib
  - Status changed from Assigned to Closed
  - Target version set to 2.0.0

Oh, I already fixed it with r38807, just forgot to reference the bug report in the commit log.

Thanks pypypy for the bug report

Files
lup_decomposition.rb.det.patch 474 Bytes 12/25/2012 pypypy567 (py _)