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

<table>
<thead>
<tr>
<th>File</th>
<th>Size</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>lup_decomposition.rb.det.patch</td>
<td>474 Bytes</td>
<td>12/25/2012</td>
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</tbody>
</table>