

# Ruby master - Bug #11183

## Cumulative error on Complex::I \*\* 10000000000000000000000000000000000

05/26/2015 08:28 AM - ko1 (Koichi Sasada)

<b>Status:</b>	Open	<b>Backport:</b>	2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN
<b>Priority:</b>	Normal		
<b>Assignee:</b>			
<b>Target version:</b>			
<b>ruby -v:</b>			

### Description

```
p Complex::I ** 10000000000000000000000000000000000
```

32bit

```
ruby 2.3.0dev (2015-05-21 trunk 50502) [i386-mswin32_110]
t.rb:1: warning: in a**b, b may be too big
(-0.08483712490438944+1.5651333429325577e+32i)
```

32bit

```
# ubuntu 64bit
(0.9943722416631883-0.10594264962575697i)
```

1+0i

:

```
Complex#**
(Complex)Fixnum...f_complex_polar...Complex...
Float...f_complex_polar...0° 90° 180° 270°
double==
en...360° 0°
```

### History

#1 - 05/26/2015 08:32 AM - usa (Usaku NAKAMURA)

- File my\_complex.diff added

(...), 45°

### Files

my_complex.diff	2.09 KB	05/26/2015	usa (Usaku NAKAMURA)
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