
Subject: A bug in MOD ?

Posted by [Chris Lee](#) on Fri, 24 Sep 2004 10:30:53 GMT

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Hi,

Is there a bug in the floating point implentation of MOD ? or maybe a special case when a !pi is used.

```
IDL> print, 1.0 mod 0.1
```

```
0.1000000
```

```
;should be 0.0
```

```
IDL> print, (1.0*!pi) mod (0.1 * !pi)
```

```
0.000000
```

At least 'a-floor(a/b)*b ' seems to work.

Chris.
