

I U P U I
MATH CLUB TEASER #65

September 16, 2011
(due September 23, 2011)

SOLUTION

The answer is the palindrome 10662526601, whose cube root is 2201.

Up to 2201, only seven other numbers have palindromic cubes:

1, 2, 7, 11, 101, 111, 1001;

but these are all palindromes themselves.

SOLVED BY:

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