

**Department of Mathematical Sciences  
Colloquium**

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*Generalized Niven numbers*

A Niven number is a number that is divisible by the sum of its digits. Recently (2003), an asymptotic formula was found to count the number of Niven numbers up to a value  $x$ . Our work is a generalization of this result to strongly  $q$ -additive functions. We found an asymptotic formula for any function that is strongly  $q$ -additive (note sum of digits is a special case of this).

**Friday, September 7, 2007 at 4 pm in Bell Hall 143  
The University of Texas at El Paso**

Please note the unusual time for the Colloquium.

Refreshments will be served in front of the colloquium room, 15 minutes before the start of the colloquium.

For further information, please contact Dr. Pavel Šolín, Bell Hall 220. Phone: (915) 747-6770, email: [solin@utep.edu](mailto:solin@utep.edu).