FAMUS [Friday Afternoon Math Undergrad Seminar] meets:

- every Friday
- at 3:00 p.m.
- in Room 164
- of the Adel Mathematics Building

[and refreshments are always served!!!!]

February 15th topic

The 10958 Problem

[given by Jeff Rushall]

Crazy Representations

$$100 := 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8 \times 9 = 9 \times 8 + 7 + 6 + 5 + 4 + 3 + 2 + 1.$$
$$101 := 1 + 2 + 34 + 5 + 6 \times 7 + 8 + 9 \quad = 9 \times 8 + 7 + 6 + 5 + 4 + 3 \times 2 + 1.$$
$$102 := 12 + 3 \times 4 \times 5 + 6 + 7 + 8 + 9 \quad = 9 + 8 + 7 + 6 + 5 + 4^3 + 2 + 1.$$
$$103 := 1 \times 2 \times 34 + 5 + 6 + 7 + 8 + 9 \quad = 9 + 8 + 7 \times 6 + 5 \times 4 + 3 + 21.$$
$$104 := 1 + 23 + 4 + 5 + 6 + 7 \times 8 + 9 \quad = 9 + 8 + 7 + 65 + 4 \times 3 + 2 + 1.$$
$$105 := 1 + 2 \times 3 \times 4 + 56 + 7 + 8 + 9 \quad = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 + 2 + 1.$$
$$106 := 12 + 3 + 4 \times 5 + 6 + 7 \times 8 + 9 \quad = 9 + 8 \times 7 + 6 \times 5 + 4 + 3 \times 2 + 1.$$
$$107 := 1 \times 23 + 4 + 56 + 7 + 8 + 9 \quad = 9 + 8 + 76 + 5 + 4 + 3 + 2 \times 1.$$
$$108 := 1 + 2 + 3 + 4 + 5 + 6 + 78 + 9 \quad = 9 + 8 + 76 + 5 + 4 + 3 + 2 + 1.$$

Inder J. Taneja
inderjtaneja@gmail.com
http://inderjtaneja.com

https://goo.gl/DSqYVs.
CR1

February 15th guest

Tyler Brock

ALL MATHEMATICS MAJORS ARE ENCOURAGED AND EXPECTED AND ENCOURAGED TO ATTEND