Submit your solutions before the finishing date to the address: ProbOfTheWeek@utdallas.edu



Problem of the Week

Finishing date: 02/24/2015

Find the value of

$$+\sum_{n=1}^{\infty} (-1)^n \frac{(2n-1)!!}{(2n)!!}$$

where $r!! = r(r-2)(r-4)\cdots 2$ and 1!! = 1.

1

Previous problem winners:

Zachary Hancock

All the information about the Problem of the Week challenge can be found at *http://ProbOfTheWeekUTD.wordpress.com*

