Relayed from Bob Wolf:

Wanda plays a game where in each turn she picks a uniform random real number $x \in [0, 1]$. She continues taking turns until the sum of her numbers exceeds 1. If Wanda gets paid one dollar for every turn taken how much should she be willing to spend to play this game?

Solutions should be submitted to Morgan Sherman:

\begin{center}
Dept. of Mathematics, Cal Poly
Email: sherman1 -AT- calpoly.edu
Office: bldg 25 room 310
\end{center}

before next Thursday. Those with correct and complete solutions will have their names listed on the puzzle’s web site (see below) as well as in next week’s email announcement. Anybody is welcome to make a submission.

http://www.calpoly.edu/~sherman1/puzzleoftheweek