

Problem of the week #4

Due September 27th.

Problem. Express n in binary, where n is the number of trailing zeros in the binary representation of $1^1 \cdot 2^2 \cdot 3^3 \cdots 2049^{2049}$. No electronic calculations of any kind will count for credit, only hand calculations.

- It's not a typo, it's a *Blade Runner* reference.
- Partial credit may be given for partial answers.
- Each POW will be due the following week at 1pm.
- Requests for clarifications go to bthorner@unomaha.edu.
- Submit solutions to (above email) or DSC 203.