

Dire Warning

On Saturday night agents of the Evil Galactic Empire will lock all participants of this conference in separate sound proof, electromagnetically sealed, neutrino hardened, and gravitational wave resistant rooms in the Iowa

House Hotel. In the rooms they will place identical countable sequences of numbered boxes, each one containing a real number (the same sequence of real numbers in each room). By morning, each participant must open all but one of her/his boxes in the order of her/his liking, and guess the number in the remaining one. If more than one participant guesses wrong, breakfast will be poisoned. **Do Something!** We must devise a strategy over the banquet or else we will miss Sunday's talks!

"Saw Omega" from Alfonso Gracia-Saz from Mira Bernstein from <https://vigorouslyhandwaving.wordpress.com/2013/06/07/doing-the-impossible-non-effective-processes-and-the-axiom-of-choice/>. Deadly serious.

100 prisoners plan a strategy, then are sealed in rooms with the same countable sequence of "boxes with reals" in each. Can each open all but one of her boxes and guess the remaining one so that at most one prisoner would be wrong?

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