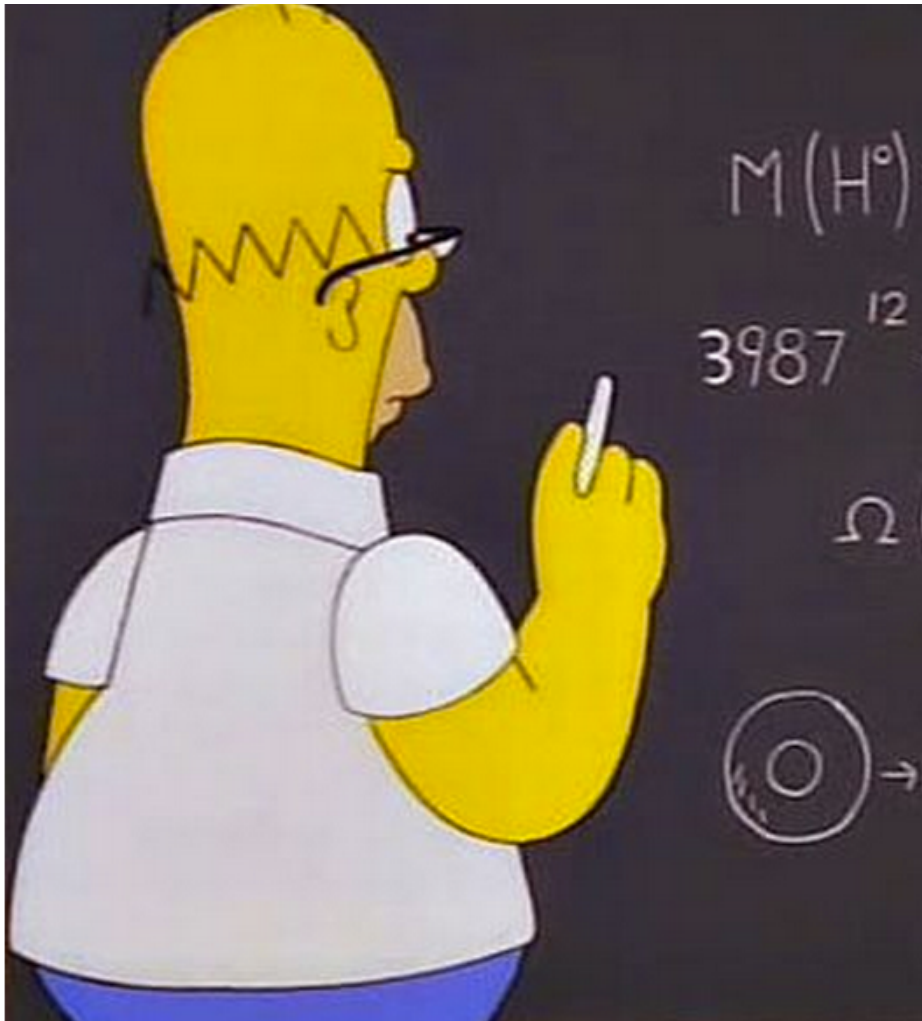


Homer Simpsons discovered the mass of the Heavy Higgs boson 14 years before CERN discovered it



A cartoon illustration of Homer Simpson, wearing his signature white shirt and blue pants, standing in profile and writing on a chalkboard. He is holding a piece of white chalk in his right hand. The chalkboard is dark and filled with white mathematical formulas and symbols. The main formula at the top is $M(H^0) = \pi \left(\frac{1}{137}\right)^8 \sqrt{\frac{hc}{G}}$. Below it, the number 3987 is written with a superscript 12. To the right of 3987 is another superscript 12. Below the main formula, there is a symbol Ω and a diagram of a circle with an arrow pointing to the right.

Input interpretation:

$$\pi \left(\frac{1}{137}\right)^8 \times \frac{\sqrt{\frac{1.98 \times 10^{-25}}{6.67 \times 10^{-11}}}}{1.78 \times 10^{-27}}$$

Result:

774.881...