



Cosmic Alchemy

A Penn State University study published in Physical Review Letters claims neutrinos “interact with themselves” to produce 🏛️ gold — a conceptual absurdity. A philosophical investigation.

▶ $\chi(\omega) \propto \frac{1}{\omega - \omega_0}$
 $\chi(\omega) \propto \frac{1}{\omega - \omega_0 + i\gamma}$

▶ **COHERENT**:
 $\chi \propto N^2$
 (CsI: $\chi \propto 100 \times$...)

N^2 '...' :

▶ ... 77 ... +
 ... 78 ...

▶ N^2 ... :

- ▶ '...' - ...
- ▶ ... (...)
- ▶ N^2 ... : ... ,
 ...
- ▶ ... (... , ...) , ...
 ... (N^3, N^4 , ...)
- ▶ ... - ...

... :

4.1.

... - ...

- ▶ ...
- ▶ ... $v-v$... : ...
- ▶ ... : ... (COHERENT ...) ,
 ...
 ... ?

4.2.

