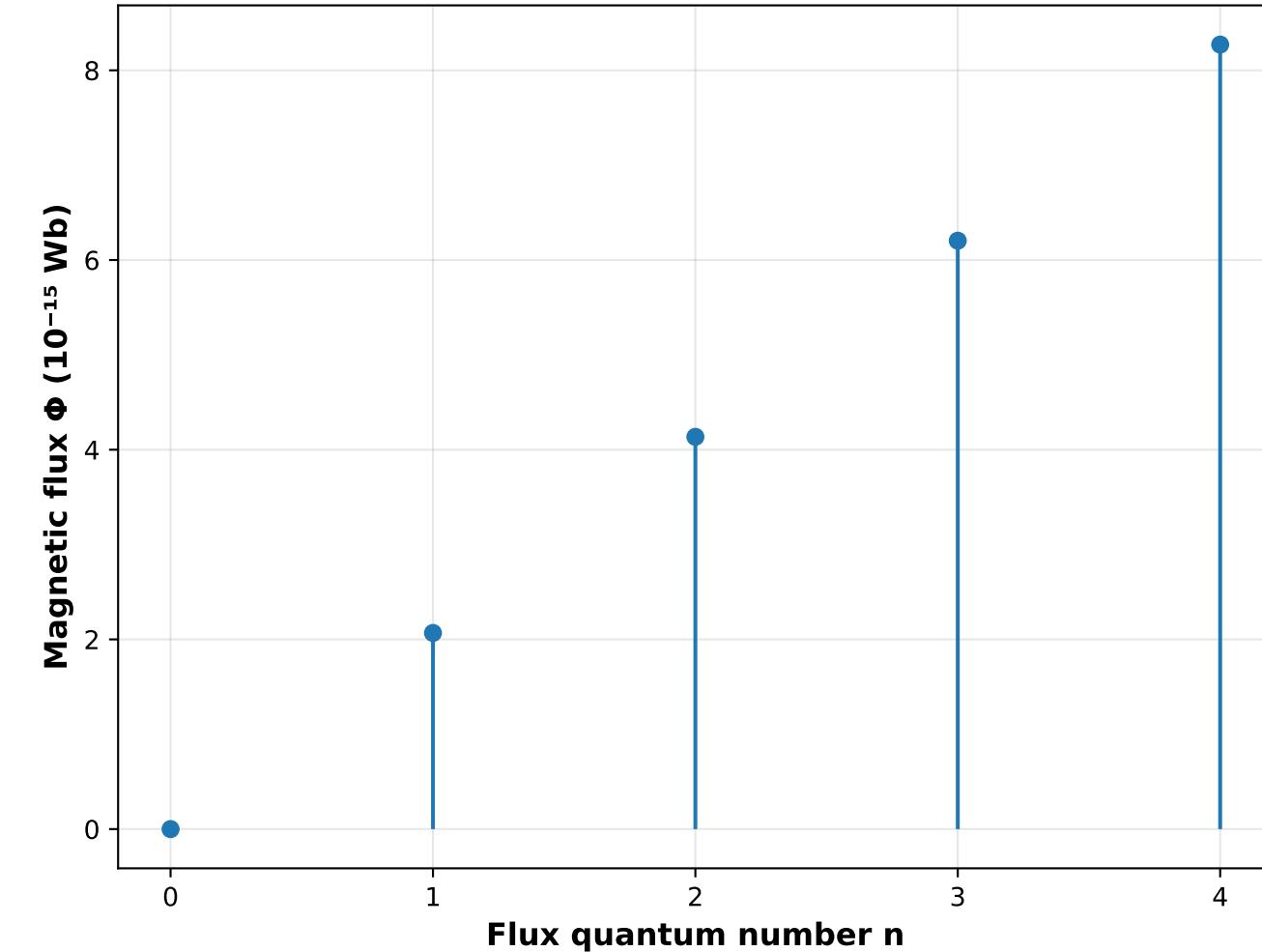
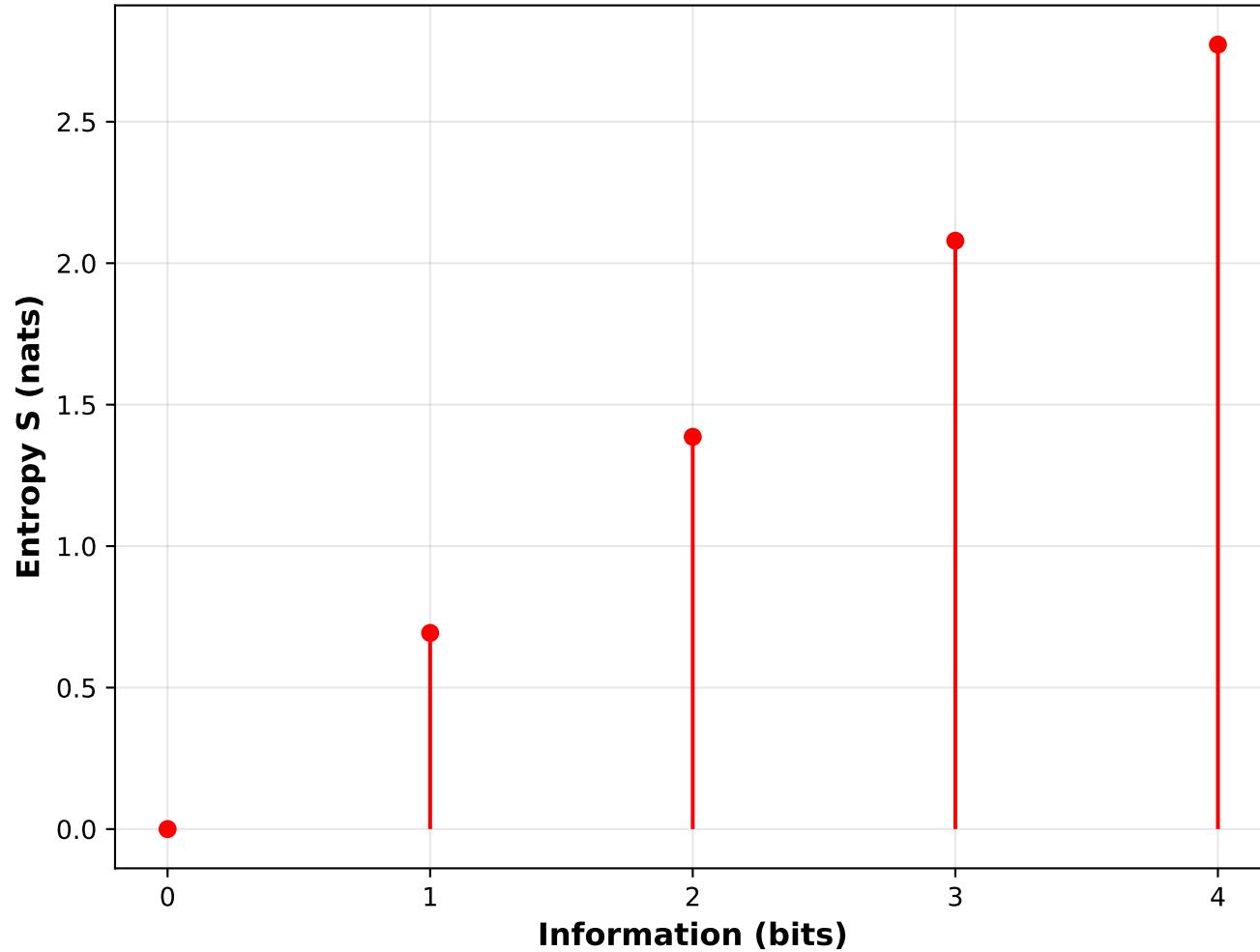
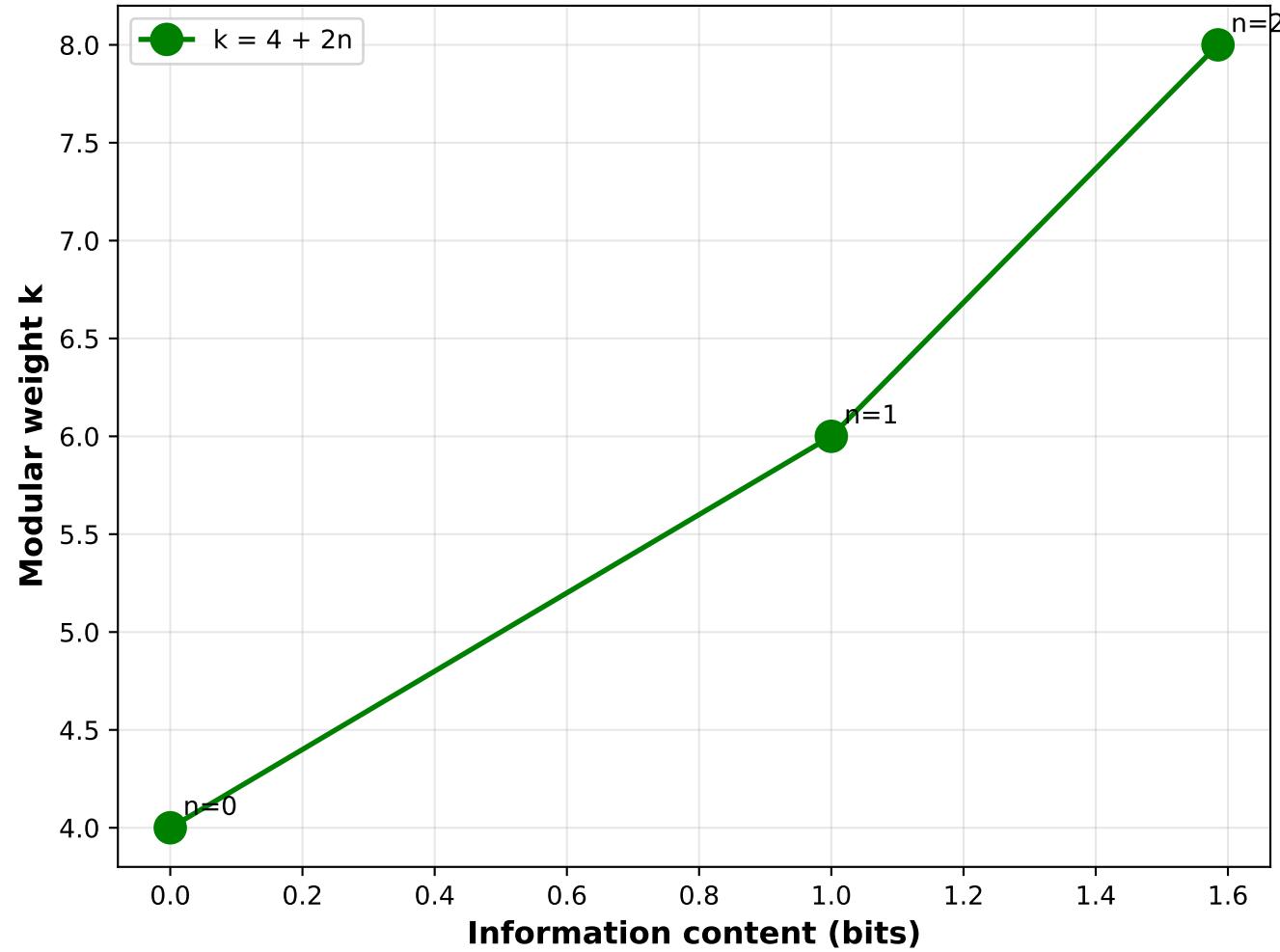


A: Flux Quantization $\Phi = n \cdot \Phi_0$ **B: Information Quantization $S = I \cdot \ln(2)$** **C: k-pattern encodes information****THE FUNDAMENTAL IDENTITY**

$$\Phi_0 = h/2e$$

$$\uparrow$$

$$1 \text{ bit} = \ln(2)$$

One flux quantum

- = One distinguishable brane position
- = One bit of geometric information
- = $\ln(2)$ nats of entropy
- = $\Delta k = 2$ in modular weight

IMPLICATIONS:

- Modular weight k = information content
- Flavor parameters = geometric data
- String theory = error-correcting code
- Spacetime = information structure

This is not analogy.
This is mathematical identity.

Flux IS information.
Geometry IS code.
Physics IS computation.