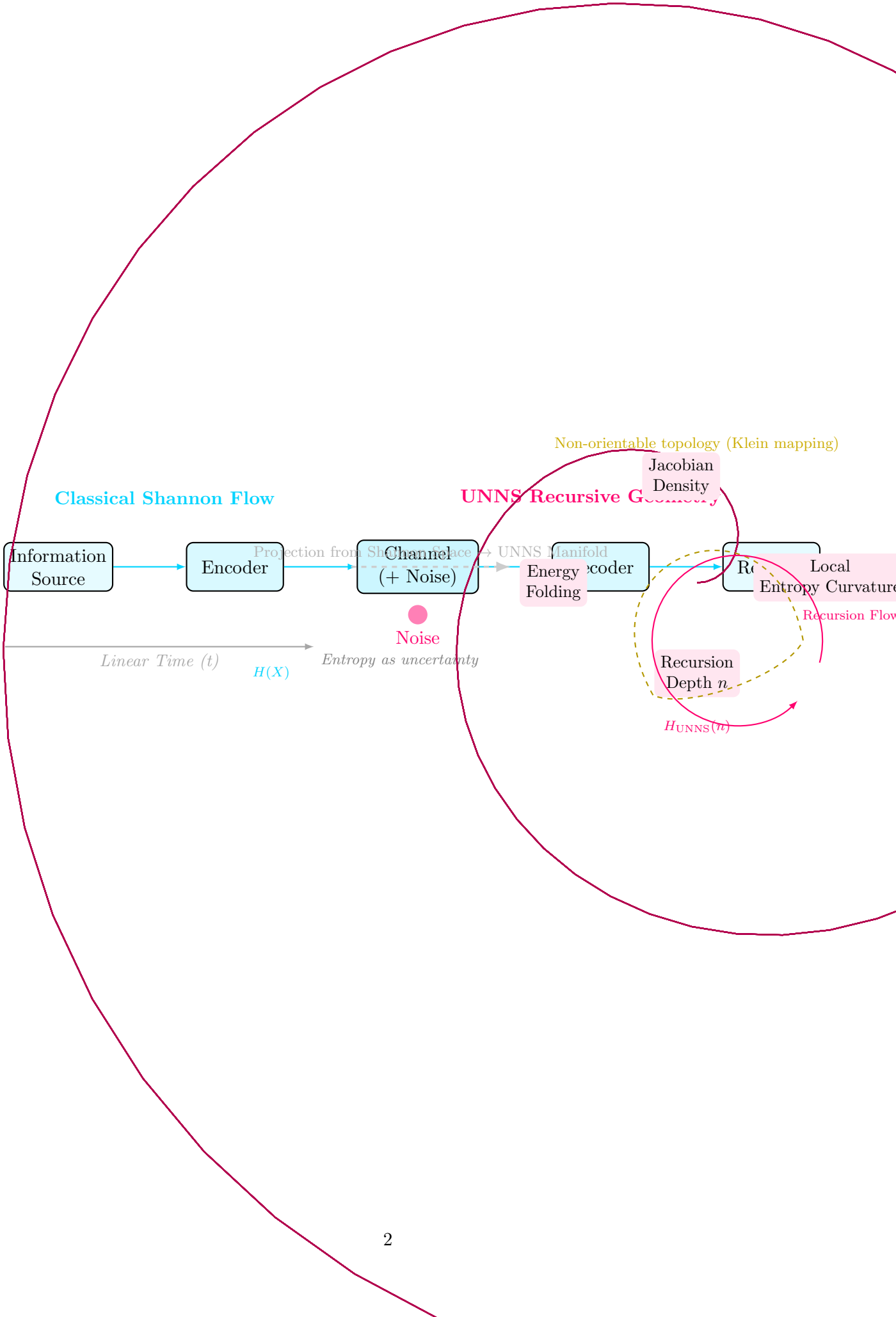
Visual Companion: Shannon Flow vs. UNNS Curvature

Page 2 – Diagrammatic Reflection

Interpretation.

- In the Shannon domain, uncertainty accumulates linearly with time: $H(X_t)$ measures expected ignorance of signal states.
- In the UNNS domain, recursion depth replaces linear time; entropy becomes a local curvature measure describing information folding.
- The Klein mapping introduces non-orientability: reversal of recursion corresponds to mirror inversion across the manifold's seam, creating apparent time symmetry breaking.


Non-orientable topology (Klein mapping)
Jacobian Density
Classical Shannon Flow
UNNS Recursive Geometry
Information Source
Encoder
Channel (+ Noise)
Energy Folding
Local Entropy Curvature
Recursion Flow
Noise
Linear Time (t)
H(X)
Entropy as uncertainty
Recursion Depth n
H_UNNS(n)