

The Attralucian Essays:
Exploring the Finite



First Edition

Copyright © 2026 by Kevin R. Haylett. All rights reserved.

This work is shared under the Creative Commons Licence.

Creative Commons CC BY-ND 4.0 License.

<https://creativecommons.org/licenses/by-nd/4.0/>

This work is intended for academic and research use. Any unauthorized distribution, modification, or commercial use beyond the creative use license is strictly prohibited. Typeset in

L^AT_EX

The Attralucian Essays



The Dynexil: A Geofinite Replacement
for the Ket as a Local Dynamical
Measurement Descriptor

Kevin R. Haylett

The Dynexil

The Dynexil: A Geofinite Replacement for the Ket as a Local Dynamical Measurement Descriptor

Overview

This paper introduces the *Dynexil*, or *Dyn* in short form, as a Geofinite replacement for the ket when representing finite measurement-derived symbols in contexts where local dynamical structure matters. The Dirac ket, written $|\psi\rangle$, is here treated not as a first-order measurement object, but as a projection policy: a formal mapping from finite measurement-derived symbols into an idealised Hilbert-space grammar. While powerful and historically successful, the ket compresses measurement into state notation and may therefore obscure the local dynamical sequence by which symbols are generated.

The Dynexil is proposed as an alternative local descriptor. It maps a finite sequence of measurement-generated Nexils into a delay-structured symbolic bundle, preserv-

ing local dynamical context, uncertainty, and provenance. In place of a single state-symbol, the Dynexil represents a local trajectory of symbol formation. Its formal expression is given by

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) = \left[\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau}) \right]_{U,P},$$

where $\mathcal{N}_\alpha(M_t)$ is the Nexil generated by measurement M_t at the Alphonic Limit, k is the embedding depth, τ is the symbolic delay, and the subscript $[\]_{U,P}$ indicates that uncertainty and provenance remain attached.

The paper argues that the ket is a state projection, whereas the Dynexil is a trajectory projection. This opens a constructive research programme in which quantum measurement sequences, decoherence processes, and limit-of-distinction phenomena may be analysed through delay-embedded symbolic trajectories rather than flattened state-symbols.

Introduction

The ket is one of the most compact and powerful symbols in modern mathematical physics. Written as

$$|\psi\rangle,$$

it represents a state in the formal grammar of quantum mechanics. It belongs to a symbolic system involving

The Dynexil

Hilbert spaces, amplitudes, operators, inner products, and measurement probabilities.

Yet, from the perspective of Geofinitism, the ket is not a first-order measurement object. A measuring apparatus does not produce a ket. It produces finite symbolic traces under conditions of uncertainty. These traces may later be transformed into ket notation, but that transformation is a projection policy, not a direct possession of the measured process.

The central claim of this paper is:

The ket compresses a measurement into a state-symbol; the Dynexil preserves the local history required to treat the symbol as a dynamical construct.

The proposed replacement is called the *Dynexil*, abbreviated as *Dyn*. The name combines the dynamical character of local measurement sequences with the existing Geofinite term *Nexil*, the finite symbolic unit generated at the Alphonic Limit.

The Dynexil is not intended as a mere stylistic variation of the ket. It is a different kind of descriptor. Where the ket projects measurement into an ideal state-space, the Dynexil maps measurement-generated symbols into a finite delay-structured trajectory. The ket privileges state. The Dynexil privileges local dynamics.

This distinction may be important in contexts where the

sequence of symbol generation matters, especially near the limit of distinction: the region in which measurement outcomes are fragile, uncertain, and dependent on prior local structure.

Foundational Commitments of Geofinitism

Geofinitism, or Geometric Finitism, begins from a specific set of commitments.

First, knowledge begins with finite exogenous measurement.

Second, all finite measurements have uncertainty.

Third, measurement generates finite symbols.

Fourth, symbols enter a symbolic realm where they may be related, projected, compressed, modelled, and narrated.

Fifth, no symbol has perfect correspondence with an external source. A symbol is not the measured interaction itself. It is a finite construction generated through measurement.

The Geofinite pathway is therefore not:

world \rightarrow perfect symbol.

It is:

symbolic potential $\xrightarrow{\text{finite measurement}}$ finite symbol $\xrightarrow{\text{projection}}$ formal object

The transition from symbolic potential into symbolic form occurs at the *Generonic boundary*. The first-order symbol generated at the measurement limit is bounded by the *Alphonic Limit*.

At this limit, the symbol is not a mathematical point. It is a finite symbolic unit with uncertainty, extent, and provenance. This unit is called a *Nexil*.

The Nexil

Let M_t denote a finite measurement process at local index t . The Nexil generated by this measurement may be written:

$$\mathcal{N}_\alpha(M_t) \sim (s_t, V_{\alpha,t}, U_{\alpha,t}, P_{M,t}),$$

where s_t is the assigned symbolic identity, $V_{\alpha,t}$ is the finite Alphonic volume or extent of the symbol, $U_{\alpha,t}$ is the uncertainty structure, and $P_{M,t}$ is the provenance of the measurement process.

The tilde relation \sim is used deliberately. It does not indicate classical equality. It indicates a finite symbolic relation within the Geofinite framework.

The Nexil is the first-order symbolic unit. It is not yet

a ket, a state, a vector, a probability amplitude, or an ideal formal object. It is the finite symbol generated at the Alphonic Limit.

This distinction is essential. If the Nexil is later projected into a ket, that projection must be declared.

The Ket as State Projection

In conventional quantum mechanics, a ket represents a formal state:

$$|\psi\rangle.$$

Within the Geofinite framework, this object is reclassified as a projection:

$$|\psi\rangle \sim \mathfrak{P}_{\mathcal{A}_m \rightarrow \mathcal{H}}^{\mathcal{Q}}(\mathcal{N}_\alpha(M_t)),$$

where $\mathfrak{P}^{\mathcal{Q}}$ is the quantum or Hilbert-space projection policy, \mathcal{A}_m is the measurement-derived AlphonicBase, and \mathcal{H} is the Hilbert-style formal symbolic space.

More generally:

$$|\psi\rangle \sim \mathcal{M}_{QM} \left(\mathfrak{P}_{\mathcal{A}_m \rightarrow \mathcal{H}}^{\mathcal{Q}}(\mathcal{N}_\alpha(M_t)) \right),$$

where \mathcal{M}_{QM} denotes the quantum-mechanical modelling framework.

The ket is therefore not a first-order measurement sym-

bol. It is a state projection.

This does not deny its usefulness. It clarifies its status.

The ket is powerful because it provides a compact symbolic grammar for manipulating state-like descriptions. But it may also hide local dynamical structure by compressing a measurement process into a state-symbol.

The Problem of Symbol Independence

A key concern arises when measurement-generated symbols are treated as independent units.

In many formal systems, a symbol s_t is handled as though it can be interpreted locally and separately:

$$s_t \equiv \text{symbol at } t.$$

From a Geofinite dynamical perspective, this is incomplete. A generated symbol may depend on prior symbolic history, local measurement conditions, uncertainty structure, and the trajectory by which it was produced.

Thus:

$$s_t \not\equiv \text{independent symbol.}$$

A more appropriate relation is:

$$s_t \sim F(s_t, s_{t-\tau}, s_{t-2\tau}, \dots, U_\alpha, P_M),$$

where the present symbol is interpreted in relation to its delay-history, uncertainty, and provenance.

This is the point at which a replacement for the ket becomes necessary.

If the ket maps a symbol into state-space, it may discard the local dynamical history needed to interpret that symbol as part of a process.

Definition of the Dynexil

The *Dynexil* is defined as a local finite dynamical descriptor constructed from a delay-structured sequence of Nexils.

Let M_t be a finite measurement process at local index t . Let k be the embedding depth, and let τ be the symbolic delay.

The Dynexil Mapping Function is:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) = \left[\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \mathcal{N}_\alpha(M_{t-2\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau}) \right]_{U,P}.$$

Here:

- $\mathfrak{X}_\alpha^{(k,\tau)}$ denotes the Dynexil Mapping Function;

The Dynexil

- α denotes the Alphonic context;
- k is the local embedding depth;
- τ is the delay;
- M_t is the finite measurement process at index t ;
- $\mathcal{N}_\alpha(M_t)$ is the Nexil generated at the Alphonic Limit;
- $[\]_{U,P}$ indicates that uncertainty and provenance are preserved.

In readable form, this may also be written:

$$\text{Dyn}_\alpha^{(k,\tau)}(M_t) = \left[\mathcal{N}_{\alpha,t}, \mathcal{N}_{\alpha,t-\tau}, \dots, \mathcal{N}_{\alpha,t-k\tau} \right]_{U,P}.$$

The object returned by this function is the *Dynexil*, or *Dyn*.

A compact definition is:

A Dynexil is a local delay-structured bundle of measurement-generated Nexils, preserving dynamical context, uncertainty, and provenance.

Notation and Symbolic Shorthand

The primary formal notation proposed in this paper is:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t).$$

The Dynexil

The readable operator form is:

$$\text{Dyn}_\alpha^{(k,\tau)}(M_t).$$

The abbreviation *Dyn* may be used in prose and in equations where a typographic symbolic form is not required.

A possible symbolic shorthand is:

$$|\sim|,$$

intended to suggest a relation to the ket while replacing the rigid state-bracket with a finite relational marker. This shorthand is not adopted as the primary notation in this paper, because the formal structure of the Dynexil should first be established through explicit notation.

A possible later shorthand might be:

$$|\sim\psi\sim|$$

or:

$$|\sim\Gamma_\alpha\sim|,$$

to indicate a finite relational trajectory object rather than a state-vector.

For the present paper, however, the recommended notation is:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) \quad \text{or} \quad \text{Dyn}_\alpha^{(k,\tau)}(M_t).$$

This avoids premature typographic commitment and keeps the mathematical role clear.

Ket and Dynexil Compared

The contrast between the ket and the Dynexil can be stated formally.

The ket projection may be written:

$$\mathcal{P}^Q : \mathcal{N}_\alpha(M_t) \rightarrow |\psi\rangle.$$

This is a state projection.

The Dynexil projection may be written:

$$\mathcal{P}^T : [\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau})] \rightarrow \mathfrak{X}_\alpha^{(k,\tau)}(M_t).$$

This is a trajectory projection.

Thus:

$$\text{Ket} \sim \text{state projection},$$

whereas:

$$\text{Dynexil} \sim \text{local dynamical trajectory projection}.$$

In plain language:

The ket asks what state should represent the measurement. The Dynexil asks what local

symbolic trajectory generated the measurement.

This distinction is central to the proposed replacement.

The Dynexil as Local Mapping

The Dynexil is local. It does not claim global knowledge of a system. It does not pretend to represent an entire physical state. It is bounded by the available measurement sequence and the declared embedding parameters.

The local mapping may be written:

$$M_{t-k\tau:t} \longrightarrow \mathfrak{X}_\alpha^{(k,\tau)}(M_t),$$

where $M_{t-k\tau:t}$ denotes the local measurement window:

$$(M_t, M_{t-\tau}, \dots, M_{t-k\tau}).$$

This is important because Geofinitism does not admit perfect global representation. The Dynexil is explicitly bounded. It knows only what the local measurement sequence permits.

Thus:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) \not\equiv \text{global state.}$$

It is:

$$\mathfrak{x}_\alpha^{(k,\tau)}(M_t) \sim \text{local finite symbolic trajectory.}$$

This makes the Dynexil especially suitable for contexts where the measurement process is near the limit of distinction.

The Alphonic/Ket Limit

The *Ket Limit* is the boundary beyond which ket notation can no longer claim first-order measurement authority. At this boundary, the formal state-symbol is recognised as a downstream projection rather than a direct measurement object.

The Alphonic Limit is the boundary of first-order symbol generation. At this limit, measurements produce Nexils with uncertainty and provenance.

The Dynexil is constructed at the intersection of these two insights.

At the Alphonic Limit:

$$M_t \rightarrow \mathcal{N}_\alpha(M_t).$$

At the Ket Limit:

$$\mathcal{N}_\alpha(M_t) \neq |\psi\rangle.$$

The Dynexil response is:

$$(\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau})) \rightarrow \mathfrak{X}_\alpha^{(k,\tau)}(M_t).$$

Thus the Dynexil does not attempt to intensify the ket. It changes the representational target.

The ket maps toward state.

The Dynexil maps toward local dynamical reconstruction.

Delay Embedding and Phase-Space Reconstruction

The Dynexil is inspired by the logic of delay embedding.

In nonlinear dynamical systems, a one-dimensional observed time series may contain enough information to reconstruct aspects of a hidden dynamical attractor. A delay vector may be written:

$$\Gamma(t) = [x_t, x_{t-\tau}, x_{t-2\tau}, \dots, x_{t-k\tau}].$$

The Dynexil adapts this logic to finite measurement-generated symbols:

$$\Gamma_\alpha(t) = [\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau})].$$

The Dynexil

Then:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) \sim \Gamma_\alpha(t)_{U,P}.$$

The Dynexil is therefore a symbolic delay object. It treats measurement outcomes not as isolated marks but as elements in a reconstructible trajectory.

This may be especially important in physical settings where the act of measurement repeatedly generates symbols near a boundary of distinguishability. In such settings, temporal structure may contain information that a state projection hides.

Application to Quantum Measurement

Quantum measurement is often represented as the production of discrete outcomes associated with a formal state. In the conventional frame, the state is represented by a ket, and measurement is modelled through operators, amplitudes, and probabilities.

The Geofinite approach begins differently.

It asks:

What finite symbols were generated, in what order, under what uncertainty, and with what provenance?

This leads to a sequence:

$$\mathcal{N}_\alpha(M_1), \mathcal{N}_\alpha(M_2), \dots, \mathcal{N}_\alpha(M_n).$$

A ket-based approach may seek to represent these through a state projection:

$$|\psi\rangle.$$

A Dynexil-based approach constructs local delay bundles:

$$\mathfrak{X}_\alpha^{(k;\tau)}(M_t)$$

for each local region of the measurement sequence.

This allows analysis of:

[label=()]local symbolic stability; transition structure; recurrence; uncertainty propagation; measurement provenance; distinguishability boundaries; time-dependent symbolic drift; possible hidden dynamical structure.

The Dynexil therefore reframes quantum measurement as a sequence of local symbolic reconstruction problems rather than a direct route into state notation.

Decoherence and the Limit of Distinction

One possible research direction concerns decoherence.

In conventional terms, decoherence is often described as the loss of quantum coherence through interaction with an environment. From a Geofinite symbolic perspective, one may ask a related but distinct question:

1. What symbolic distinctions are being lost, and through which projection layer are they being represented?

If the ket projection compresses dynamical measurement structure into a state-symbol, it may obscure local temporal patterns relevant to distinguishability, error behaviour, and stability.

A Dynexil-based approach would examine the measurement stream as a local trajectory:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t).$$

This raises a constructive research question:

Can delay-structured symbolic measurement descriptors preserve or reveal dynamical structure that is hidden by ket-based state projection, and can such structure improve modelling, control, or decoherence analysis?

This is not a claim that the Dynexil automatically improves decoherence times. It is a proposed research direction. If the mapping from measurement to representation is improved, then control strategies, error mitigation, or

interpretive modelling may also improve.

At the limit of distinction, the choice of projection may matter.

Complexity Beyond One-to-One Mapping

The ket projection may encourage the impression that the mapping from measurement outcome to formal state component is clean, direct, or one-to-one.

The Dynexil framework rejects this simplification.

A measurement-generated symbol may depend on prior symbols:

$$\mathcal{N}_\alpha(M_t) \sim F(\mathcal{N}_\alpha(M_{t-\tau}), \mathcal{N}_\alpha(M_{t-2\tau}), \dots).$$

Thus, the mapping is not:

$$s_t \rightarrow \text{state.}$$

It is:

$$(s_t, s_{t-\tau}, s_{t-2\tau}, \dots) \rightarrow \text{local dynamical descriptor.}$$

In the Dynexil frame, measurement symbols are not independent beads on a string. They are slowed dynamical

events in a local trajectory.

This may reveal complexity hidden by state projection.

The symbol is not a noun in the static sense. It is a slow dynamical construct.

Relation to Slow Nouns

The Dynexil connects naturally with the idea that nouns are slowed processes.

A symbol appears stable because its rate of change is slow relative to the observing or modelling frame. But this stability does not make it static. It remains the product of an underlying dynamical process.

The ket is a very powerful noun-like object. It stabilises a complex measurement and modelling situation into a compact state-symbol.

The Dynexil resists this over-stabilisation by preserving local symbolic motion.

Thus:

$$|\psi\rangle \sim \text{slow state noun,}$$

whereas:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) \sim \text{local dynamical symbolic construct.}$$

This gives a linguistic and philosophical interpretation of

the mathematical distinction.

The ket is a noun.

The Dynexil is a slowed trajectory.

Computational Representation

The Dynexil may be implemented computationally within the FSM framework.

A computational object might contain:

Dynexil:

```
alphonic_context
measurement_window
delay_tau
embedding_depth_k
nexil_sequence
uncertainty_bundle
provenance_trace
projection_policy
reconstruction_metadata
```

The computational construction would proceed as:

[label=()]collect or receive a finite measurement sequence; generate Nexils at the Alphonic Limit; select k and τ ; form local delay bundles; attach uncertainty and provenance; analyse recurrence, stability, drift, or distinguishability; compare with ket-

based or state-based projection.

No Dynexil should be treated as a global state. It is a local finite symbolic descriptor.

The Dynexil Mapping Function

We now state the central function in full.

Let:

$$M_t^{(k,\tau)} = (M_t, M_{t-\tau}, M_{t-2\tau}, \dots, M_{t-k\tau})$$

be a local measurement window.

Let:

$$\mathcal{N}_\alpha(M_{t-i\tau})$$

be the Nexil generated by the delayed measurement.

Then the Dynexil Mapping Function is:

$$\mathfrak{X}_\alpha^{(k,\tau)} : M_t^{(k,\tau)} \longrightarrow \text{Dyn}_\alpha^{(k,\tau)}(M_t),$$

with:

$$\text{Dyn}_\alpha^{(k,\tau)}(M_t) = \left[\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau}) \right]_{U,P}.$$

Equivalently:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) = \text{Dyn}_\alpha^{(k,\tau)}(M_t).$$

This is the formal replacement for contexts where ket notation over-compresses local measurement dynamics.

Results of the Enquiry

This enquiry produces several results.

- First, the ket is reclassified as a projection policy rather than a first-order measurement object.
- Second, the ket is identified as a state projection.
- Third, measurement-generated symbols are not treated as independent static objects.
- Fourth, the Dynexil is introduced as a local delay-structured bundle of Nexils.
- Fifth, the Dynexil preserves dynamical context, uncertainty, and provenance.
- Sixth, the Dynexil provides a trajectory projection rather than a state projection.
- Seventh, the Dynexil is explicitly bounded by the Alphonic Limit and does not claim global statehood.
- Eighth, the Dynexil may provide a framework for analysing measurement sequences near the limit of distinction.
- Ninth, the Dynexil opens a possible research path for quantum measurement, decoherence analysis, and alternative projection systems.

- Tenth, the Dynexil connects mathematical representation with the broader Geofinite view that symbols are slowed dynamical constructs rather than static nouns.

Constructive Research Programme

The Dynexil opens a constructive research programme.

- The first task is to define measurement-derived Nexil sequences from experimental or simulated data.
- The second task is to construct Dynexils using varying delay parameters τ and embedding depths k .
- The third task is to compare Dynexil representations with ket-based or state-based projections.
- The fourth task is to examine whether local dynamical structure is preserved, lost, or transformed under each representation.
- The fifth task is to apply the method to quantum measurement time series, especially where decoherence, noise, or symbol instability are central concerns.
- The sixth task is to study whether trajectory-preserving representations can improve prediction, control, or error mitigation.
- The seventh task is to incorporate the Dynexil into FSM computational systems and Alphonic Projection Layer analysis.

- The eighth task is to develop symbolic metrics for stability, recurrence, uncertainty propagation, and representational cost.

This programme does not require immediate rejection of Hilbert-space methods. It requires comparison. The question is not whether the ket has been useful as it clearly has. An important question is whether the ket is the only admissible projection. From the perspective of Geofinitism and FSM the Dynexil answers: no.

Philosophical Discussion

The philosophical significance of the Dynexil lies in its challenge to static symbol-hood. Modern mathematical physics often stabilises processes into compact symbolic objects. This is necessary for calculation and communication. But it may hide the dynamical conditions under which the symbols were generated.

The ket is an elegant example of such stabilisation. It allows a complex measurement and modelling situation to be written as a compact state-symbol. But this elegance comes at a cost. The local sequence of symbol generation is no longer visible. The Dynexil restores the sequence. It says that a symbol is not merely a thing. It is an event slowed enough to be handled as a symbol. A measurement outcome is not merely a mark. It is a finite symbolic construction with history, uncertainty, and

local relation to prior marks.

This is consistent with the Geofinite view that nouns are slow processes. A mathematical state-symbol is a slow noun of formal physics. The Dynexil reopens the noun and reveals the local trajectory inside it. The result is not anti-mathematical. It is a demand for deeper symbolic accountability.

If measured knowledge begins with finite exogenous measurement, then the first responsibility of formalism is to preserve the structure of measurement as far as possible. When a projection compresses that structure, it should declare what has been lost. The Dynexil provides one way to preserve more of the local dynamical structure before compression into state notation occurs.

Summary

This paper has introduced the Dynexil as a Geofinite replacement for the ket in contexts where local dynamical measurement structure must be preserved. The ket is reclassified as a state projection:

$$|\psi\rangle \sim \mathfrak{P}_{\mathcal{A}_m \rightarrow \mathcal{H}}^Q(\mathcal{N}_\alpha(M_t)).$$

The Dynexil is defined as a local delay-structured map-

ping:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t) = \left[\mathcal{N}_\alpha(M_t), \mathcal{N}_\alpha(M_{t-\tau}), \dots, \mathcal{N}_\alpha(M_{t-k\tau}) \right]_{U,P}.$$

The ket privileges state. The Dynexil privileges trajectory. The ket compresses. The Dynexil preserves local dynamical context. The ket belongs to a Hilbert-space projection grammar. The Dynexil belongs to a Geofinite measurement-symbol reconstruction grammar. The Dynexil therefore opens a constructive path for analysing measurement sequences, quantum symbolic instability, decoherence, and alternative finite projection systems.

Conclusion

The Dynexil is introduced as a finite local dynamical descriptor for measurement-generated symbols.

It is not a ket. It is not a state-vector. It is not a global representation. It is a bounded, delay-structured symbolic bundle constructed from Nexils at the Alphonic Limit.

Its purpose is to preserve what the ket may hide: the local dynamical history of symbol generation.

This matters because measurement does not produce isolated nouns. It produces finite symbolic events in sequence. Those events carry uncertainty, provenance, and

temporal relation. When they are compressed into a state-symbol, some of this structure may be lost.

The Dynexil offers an alternative.

Where the ket says:

$$|\psi\rangle,$$

the Dynexil says:

$$\mathfrak{X}_\alpha^{(k,\tau)}(M_t).$$

Where the ket maps to state, the Dynexil maps to local trajectory and where the ket compresses, the Dynexil reconstructs. This is the conceptual beginning of a Geofinite alternative to state-first representation. The final compact statement is:

- Where the ket is a state projection, the Dynexil is a local dynamical projection of finite measurement-generated symbols.