

# STRUCTURED MULTIVERSAL INTERACTIONS: THE SEWELL IP PORTFOLIO

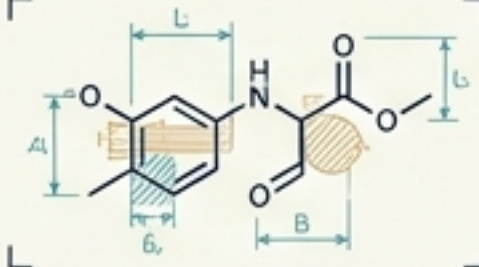
Archival Frameworks in Geometric  
Cosmetics and VR Physiological Systems

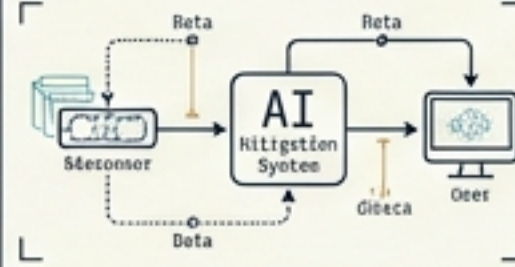
Dr. Melvin Sewell | Cosmic University of Echo-Rift Studies IX

Zenodo-Ready Dossier v1

## Establishing a Scholarly Record

Transitioning theoretical and narrative concepts into **structured, archival** scientific records. Both frameworks bypass traditional pharmacological pathways, favoring **spatial** and **physiological interventions** to solve complex biological friction.

| Card 01: SH-1 Molecule Framework |                                                                                                                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                | Type: Conceptual Cosmetic Active                                                                                                                                                                                                  |
| 2                                | DOI: <a href="https://doi.org/10.5281/zenodo.19647328">10.5281/zenodo.19647328</a><br>                                                         |
| 3                                | File Spec: 51.6 kB   md5:b5b1107839692043aaa5b2358537a263   |

| Card 02: VR Fatigue Biosensor Framework |                                                                                                                                                                                                                                       |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                                       | Type: AI-Driven Hardware/Software Mitigation System                                                                                                                                                                                   |
| 2                                       | Affiliation addition: <a href="#">TrueFlow Games</a><br>DOI: <a href="https://doi.org/10.5281/zenodo.19647382">10.5281/zenodo.19647382</a><br>   |
| 4                                       | File Spec: 54.0 kB   md5:eb6809d1b6c8841bdd41408090aa15cc   |

# Isolating Scientific Clarity from Promotional Narrative



**Origin:** Serialized Editorials

**Source:** Published in  
Bibebibebibe Magazine.

**Format:** Mythic-scientific  
narrative and promotional  
storytelling.



**Transformation Filter:**  
Methodological Rigor

**Action:** Stripping away  
promotional language to  
define a purely theoretical  
construct.



**Current State:** Zenodo  
Archival Draft

**Format:** Structured scientific  
narrative.

**Objective:** Differentiate  
editorial serialization from  
scientific positioning.

**Current Limitation:** Acknowledges the  
absence of empirical data pending formal  
large-scale validation studies.

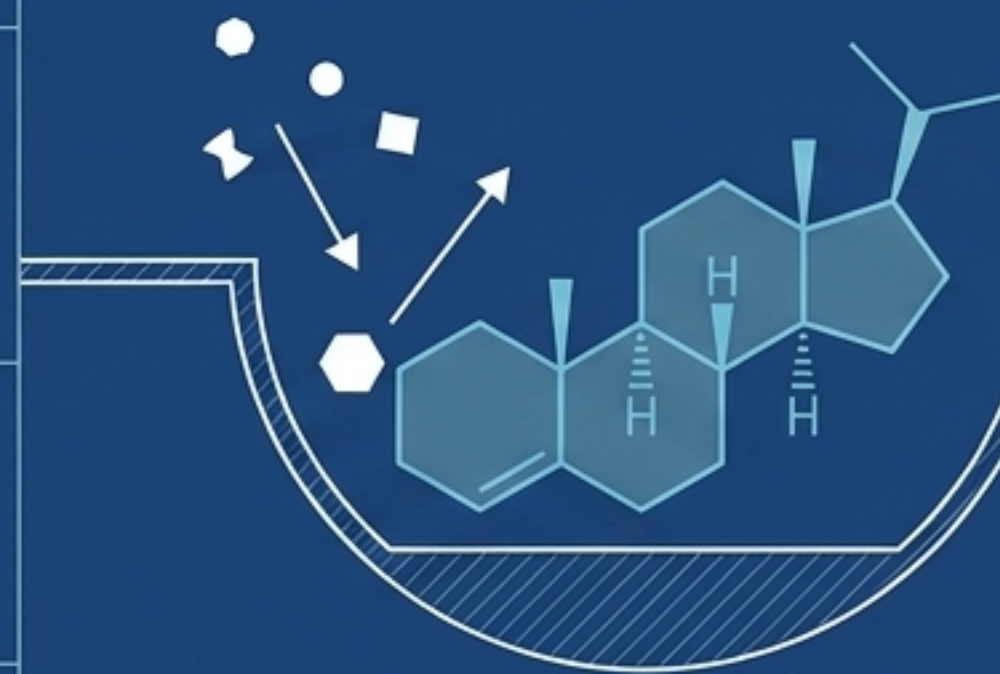
# Geometric Competitive Presence Displaces Biochemical Modulation

Traditional Actives



Biochemical Modulation  
(Hormonal, enzymatic, or pharmacological pathways).

SH-1 Model



Non-Pharmacological Steric Presence  
(Occupying spatial geometry to provide resilience  
without biochemical binding).

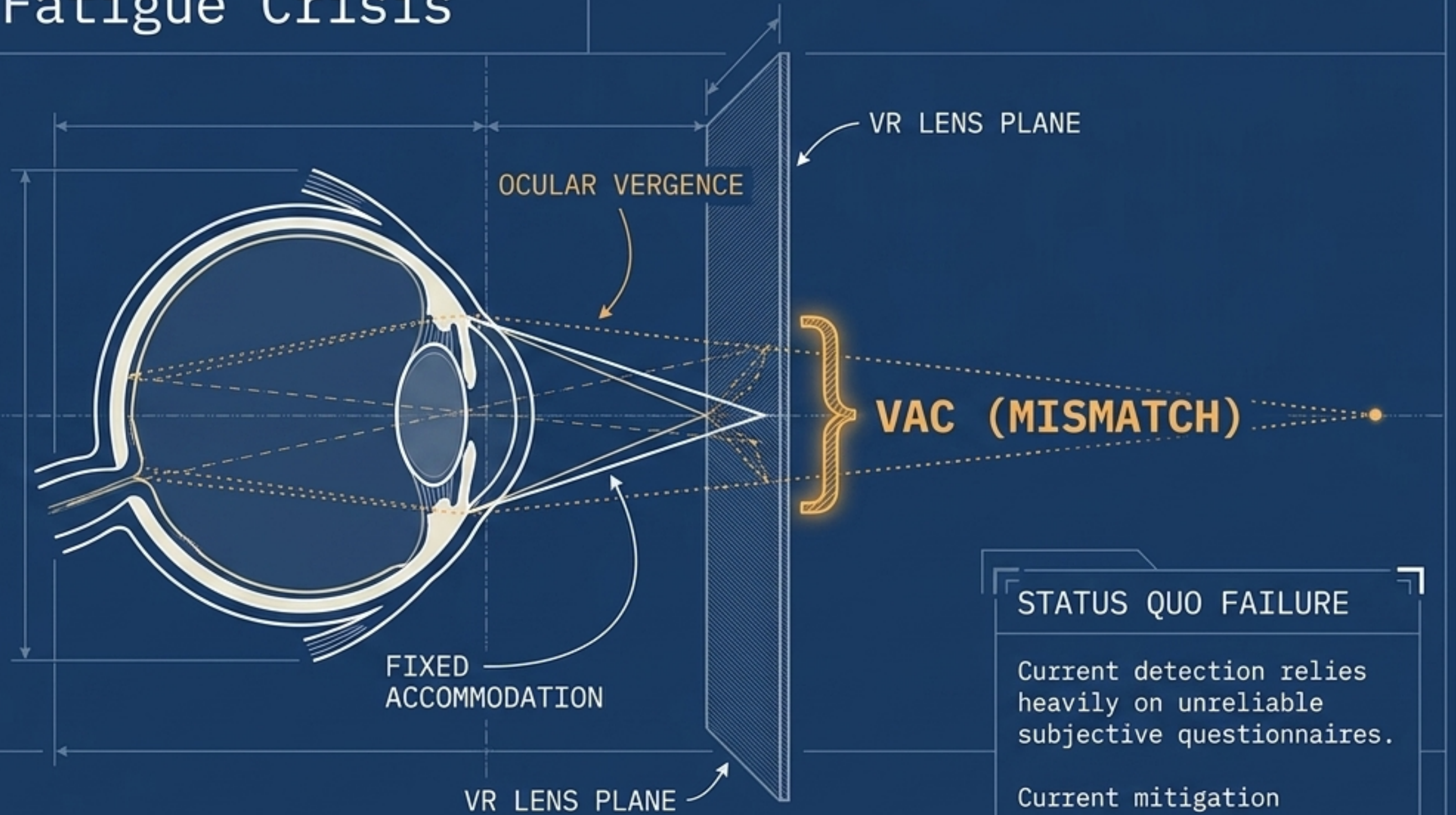
SH-1 Structural Specs — Core: Tetracyclic scaffold. | Hydration Anchors: Botanical, caffeine, and coconut derivatives.

# Vergence-Accommodation Conflict Drives the VR Fatigue Crisis

## CLINICAL PROBLEM

VR Fatigue limits virtual reality adoption, performance, enjoyment, and safety.

Symptoms: Eye strain, nausea, dizziness, disorientation.

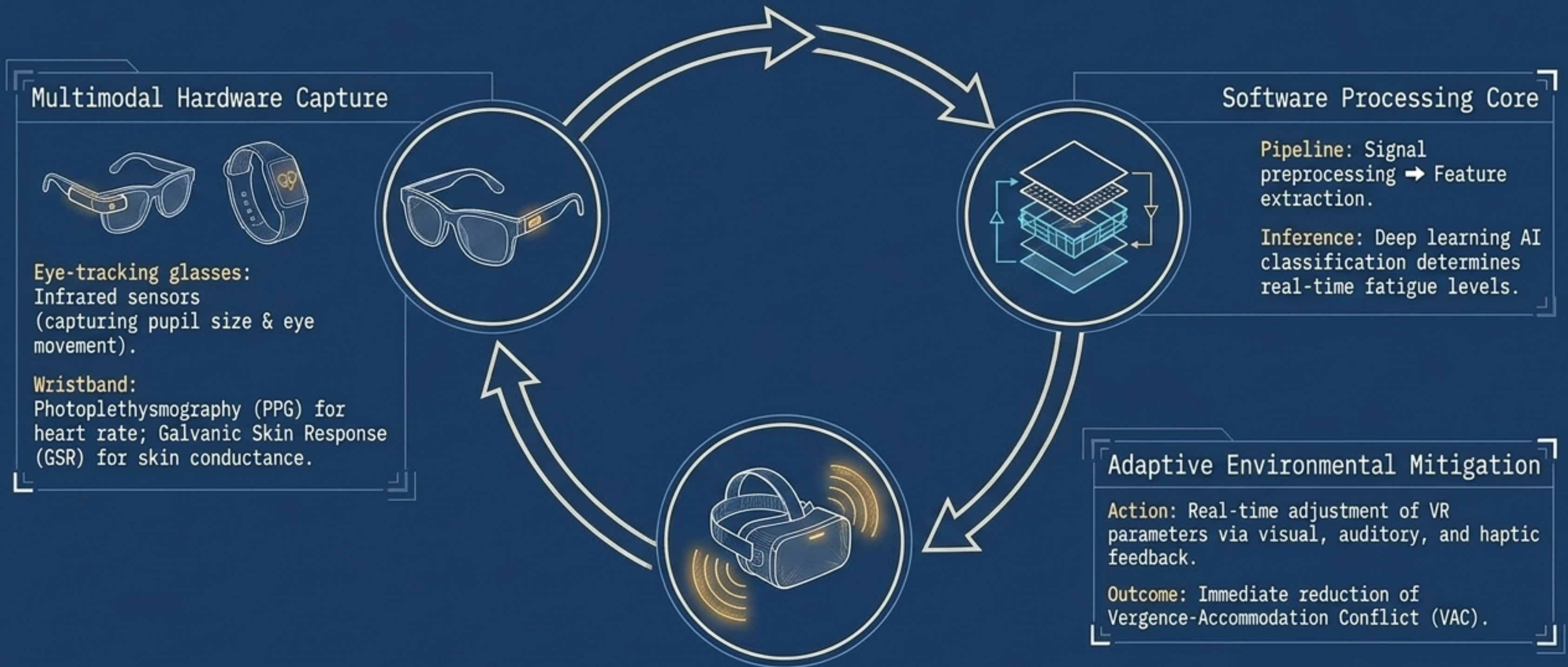


## STATUS QUO FAILURE

Current detection relies heavily on unreliable subjective questionnaires.

Current mitigation requires disruptive, invasive measures.

# Closed-Loop Mitigation of VR Fatigue via Physiological AI Feedback



**Validation Phase:** Transitioning from NSF SBIR Phase I proposal to larger validation studies based on successful preliminary prototype detection.

# Unified Interventions Across Physical Micro-Space and Digital Environments

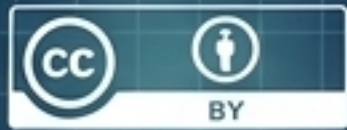
|                   | SH-1 Framework                              | VR Biosensor Framework                      |
|-------------------|---------------------------------------------|---------------------------------------------|
| Origin Format     | Magazine Editorial                          | NSF SBIR Proposal                           |
| Target Domain     | Cosmetics / Follicular Resilience           | Immersive Tech / VAC Mitigation             |
| Intervention Type | Physical / Spatial Scaffold                 | Physiological / Digital Adaptive Feedback   |
| Core Mechanism    | Steric hindrance blocking microenvironments | Multimodal AI mapping physiological signals |

The Multiversal Thesis: Both innovations redefine user resilience by manipulating spatial and perceptual environments, deliberately bypassing traditional pharmacological and biochemical alteration.

# Open-Access Dissemination Preceding Empirical Validation



**Archival Preservation:** Hosted via CERN Data Centre & InvenioRDM infrastructure on Zenodo.



**Intellectual Property Framework:** Licensed under Creative Commons Attribution 4.0 International (CC BY 4.0) for open-access re-distribution.



**Future Trajectory:** Advancing from conceptual frameworks and preliminary AI prototypes toward large-scale empirical data collection and clinical validation.

*“Pioneering structured interactions  
across the physical and digital rift.”*