HBT One-Pager: Sidereal-Solar Spiral Calendar

The Haykyan Boon Tomar (HBT) system is a sidereal-solar spiral calendar rooted in Armenian archaeoastronomy. It integrates stellar and solar cycles using Orion (Mintaka) as the primary celestial anchor. The model avoids leap years by encoding sidereal drift into a natural spiral of 360 sidereal days + 6 corrective days (Avelyats).

Key Elements

- **Mintaka Rises**: 366x per solar year (360 + drift)
- **Spiral Constant**: 1.01666667
- **Start of Year**: Aug 11, 04:00 AM (Mintaka at azimuth 98°)
- **Sidereal Reset**: Aug 5, 04:24 AM (Betelgeuse at azimuth 90°)
- **Anchor Site**: Tatev Monastery, Armenia

Spiral Drift Correction

Each sidereal month gains ~2 hours. - Over 12 months → ~24 hours of drift - Avelyats absorbs it → time resets on Aug 11

Philosophical Insight

Time is not linear—it is recursive. Drift is not error—it is memory. The observer completes the loop through presence.

Applications

- Biological circadian calibration
- Scalar memory in AI systems
- Unified Field Theory modeling

For full model, see HBT_Model.md.