Has Vision been Universally Modeled in a Way that Predicts Damage from Improper Use, or Rapid and Safe Repair to a Normal, Dynamic, Feedback Protected State, by Patented and Trademarked Natur-optic Vision Improvement Methods? PAUL NIEMI, O.D., Franklin Pierce College, ROGER MCLEOD, University of Massachusetts, Lowell — Mc Leod predicts that in visual tasks with pupil diameter changes, a longer, quasimonochromatic wavelength interval is coincident with foveal cones, and rods. A shorter, partially overlapped interval separately aligns with extrafoveal cones. Wavelengths follow the Airy disk radius formula. Extended visual tasks of a type requiring shorter wavelengths, pair extrinsic eye muscles in inappropriate states, one in extension, the other in contraction, exceeding “Hooke’s law” settings. Hysterisis prevents feedback-driven, self repair. The universal model for vision predicts myopia, hyperopia and presbyopia. Niemi can test and evaluate that model: repair needs triggering and facilitating demands of the possibly overridden feedback signals.