

$\{\text{ALIVE, JAM, MEM}\}\{0^\circ, 90^\circ, 180^\circ, 270^\circ\}T^2$   
*w*p/lee<sub>n</sub>aturepaper.png*LEE*toroidalphase – spacerenderingderivedfromthelogicalmanifold(independentofneuro  
*w*p/lee<sub>n</sub>ature2011.pngComparisonpanelhistoricallyassociatedwith2011observationsoftoroidalactivity;presentedh  
*w*p/run<sub>s</sub>vg.svgDirectSVGemissionfromaprovenance – backed*LEE*run(timeline/graph).Forar*Xiv*, converttoPD  
 $D(t)S = \frac{1}{T} \int_0^T w(t)D(t) dt$   
*direct engine outputs*--shell-escape