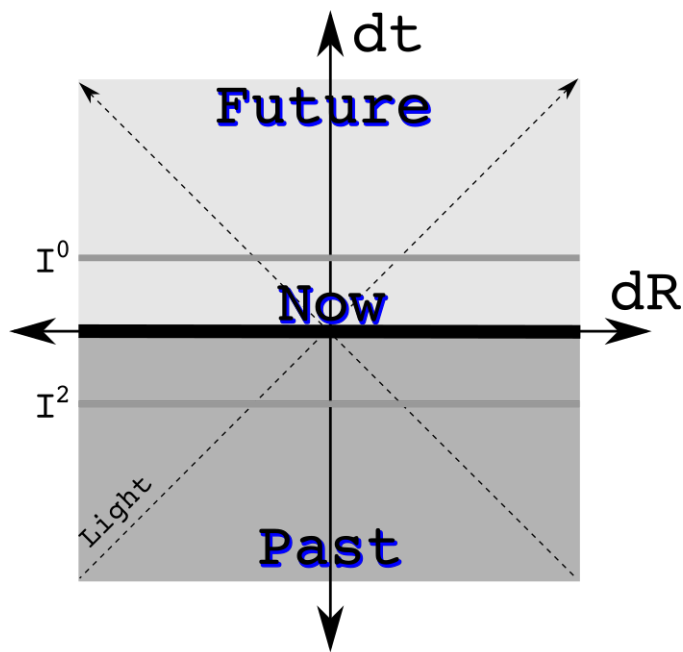
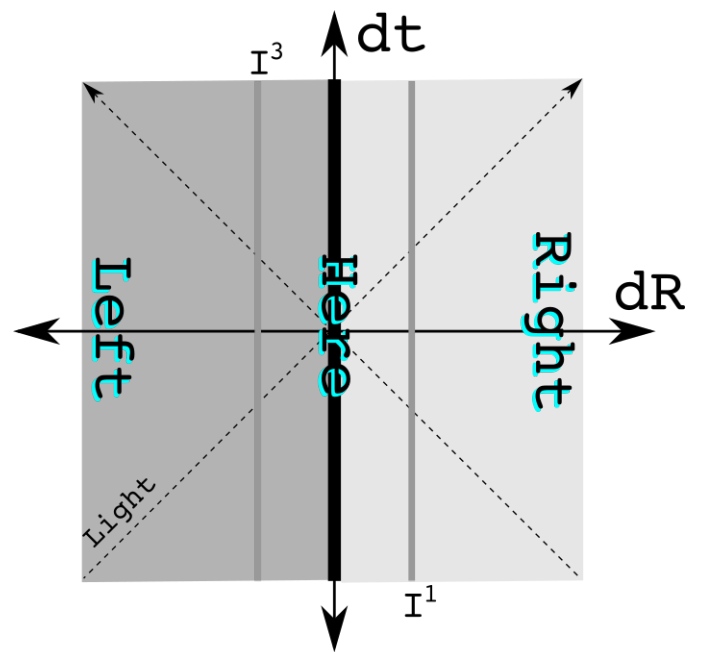


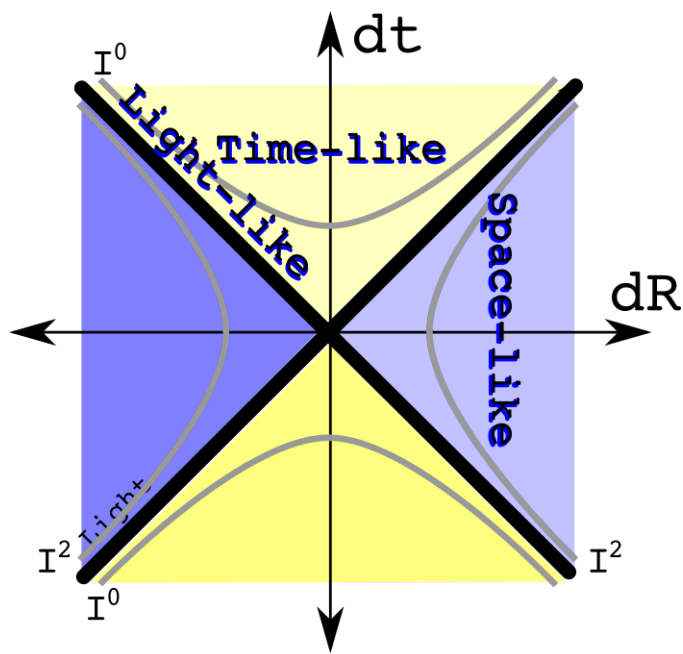
Space-Time Equivalence Classes



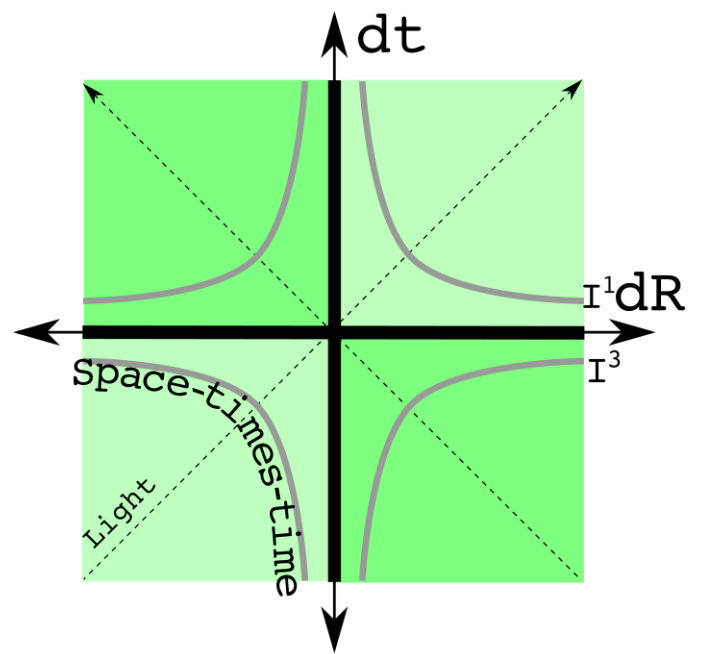
Time
 dt



Space
 dR

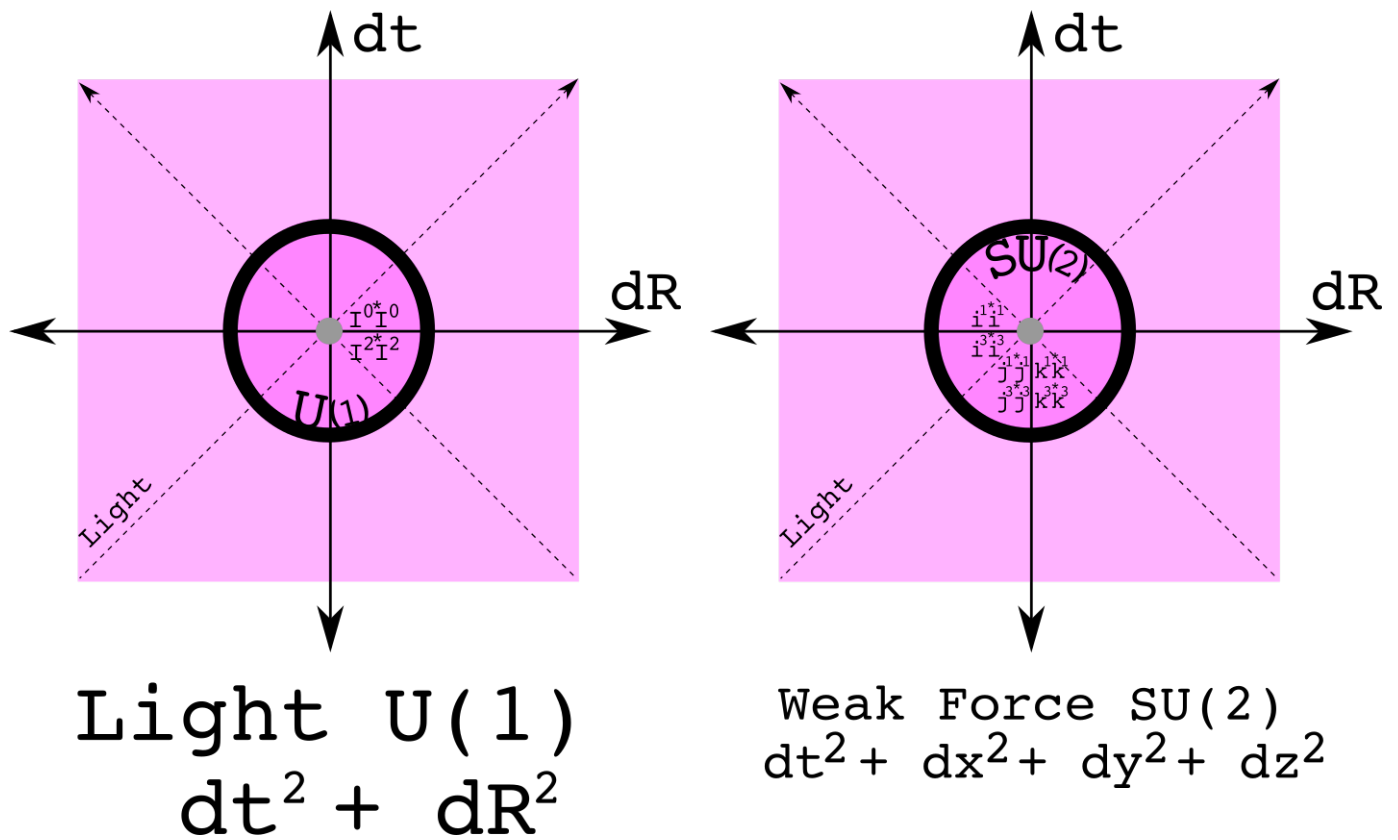


Causality
 $dt^2 - dR^2$

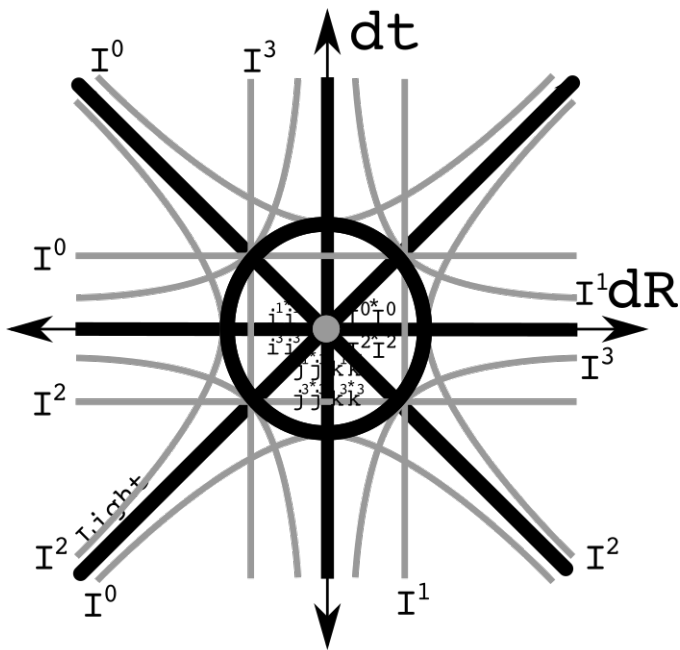


Gravity
 $dt dR$

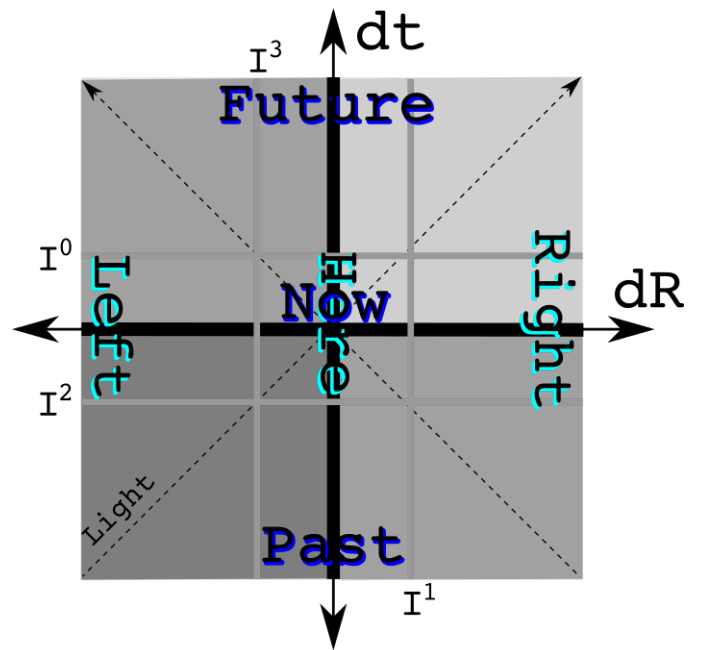
Space-Time Equivalence Classes



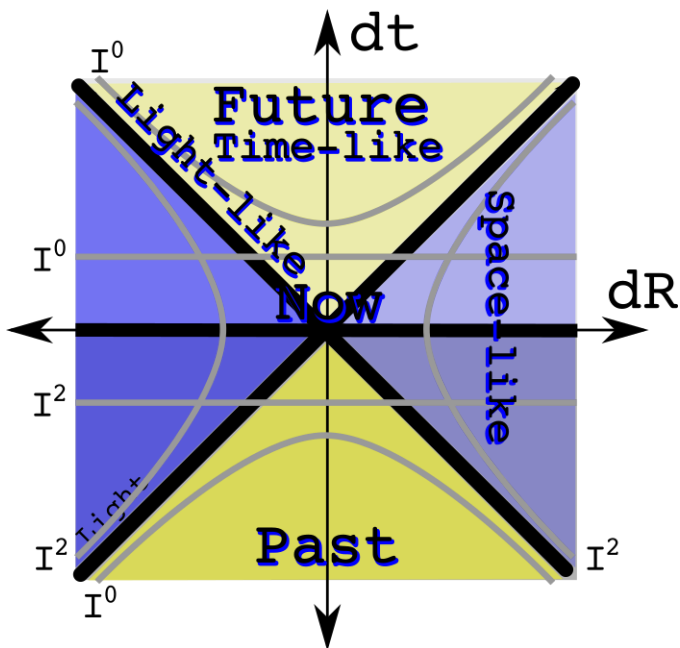
Overlapping Equivalence Classes



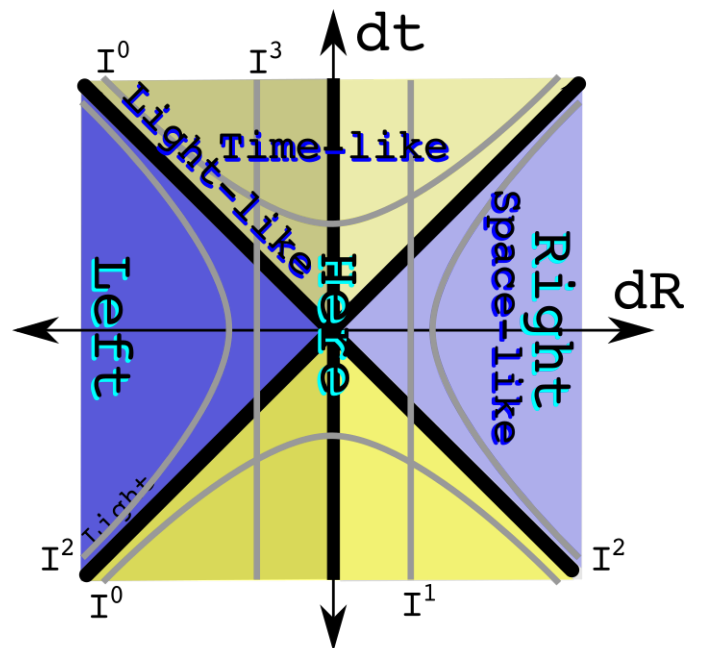
All
0's and 1's



Space + Time
 $dR + dt$

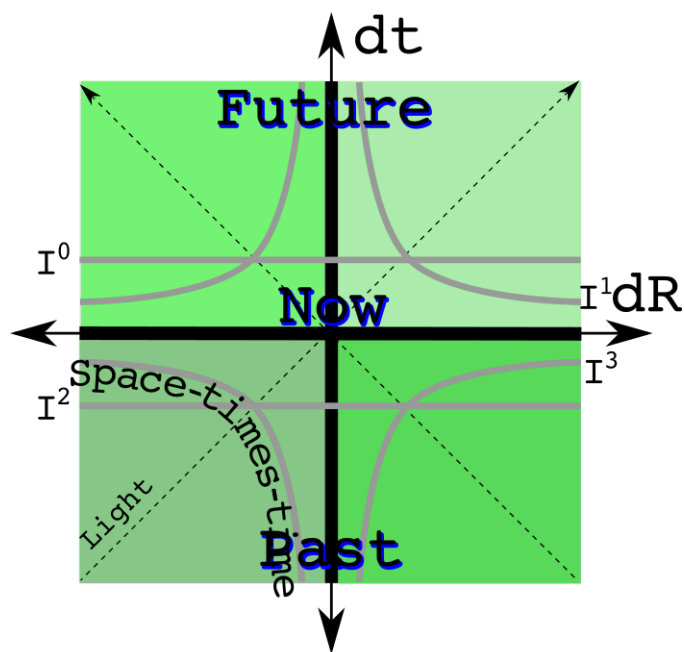


Two-tone
Space-like

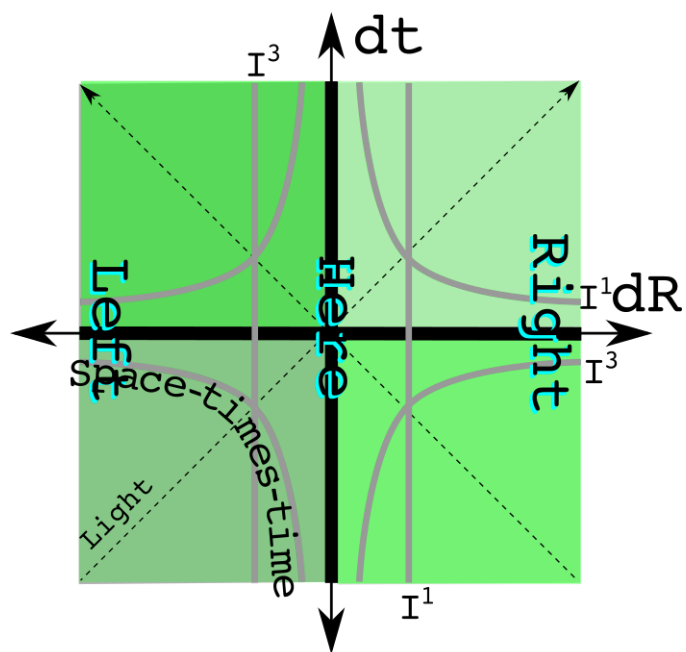


Two-tone
Time-like

Overlapping Equivalence Classes



Gravity
monotone



Gravity
monotone

Space-Time Equivalence Classes

