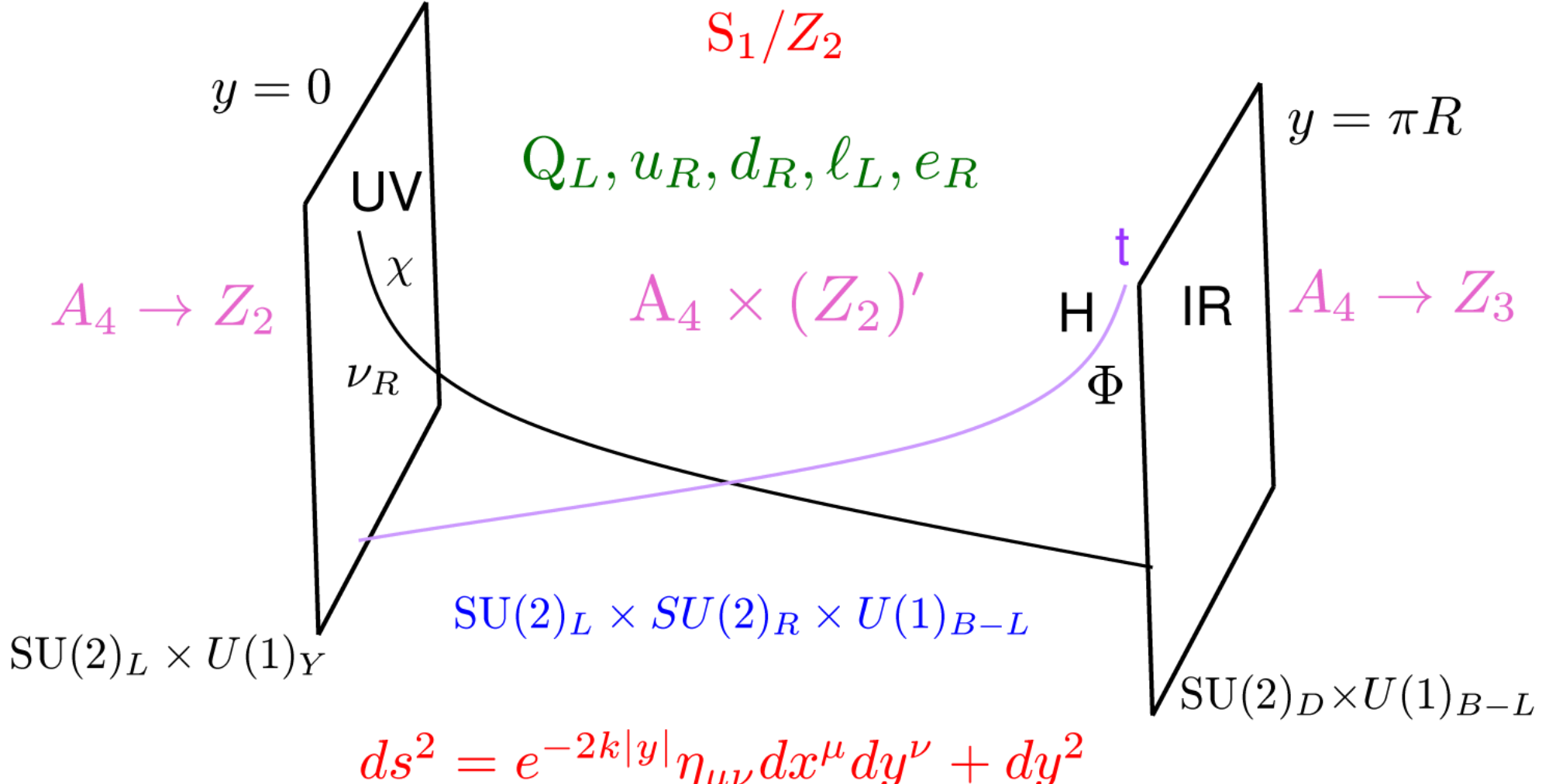

$$ds^2 = e^{-2k|y|}\eta_{\mu\nu}dx^\mu dy^\nu + dy^2$$