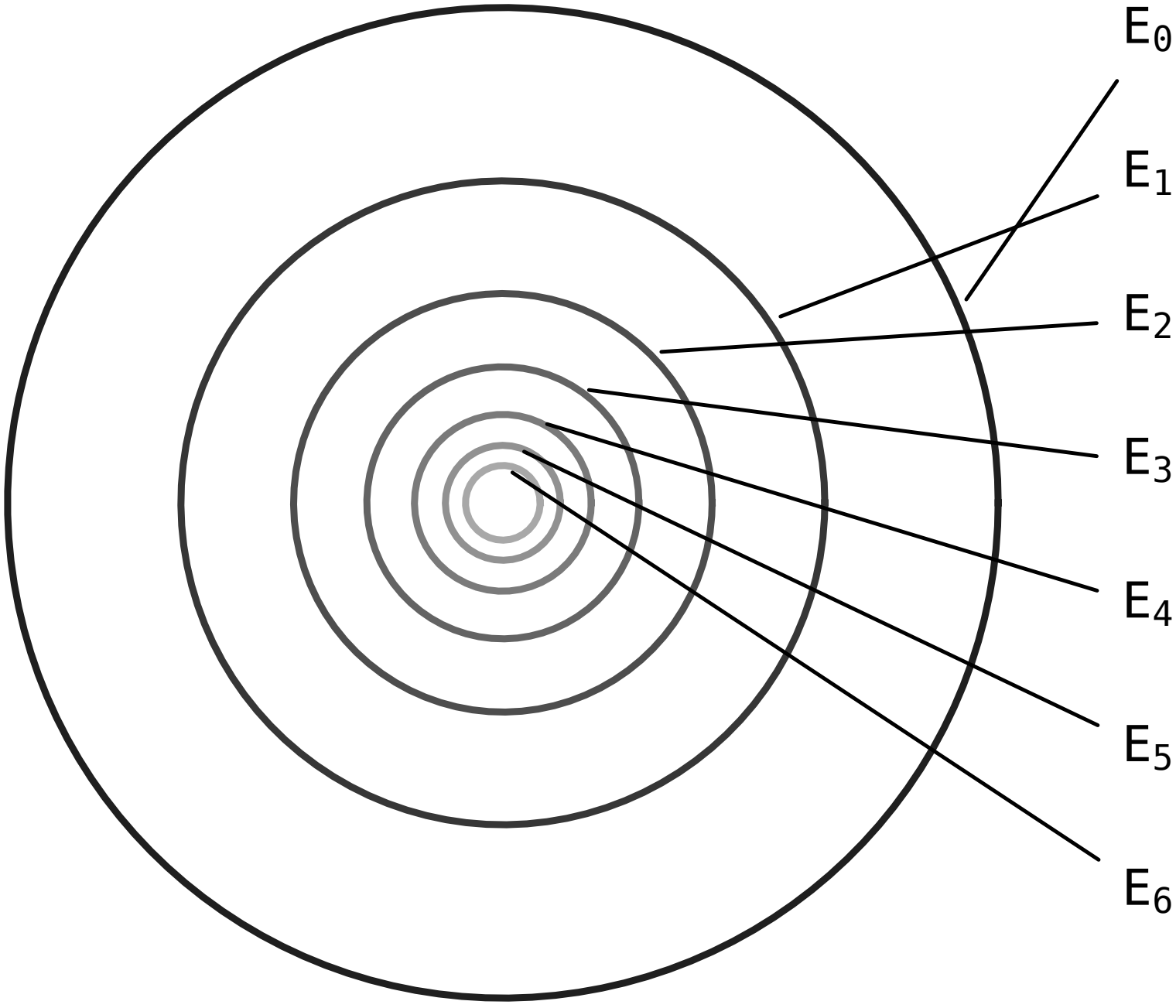


$$E_{j+1} = F_j^{-1}(\phi_j^{-1}(U_{j+1}))$$