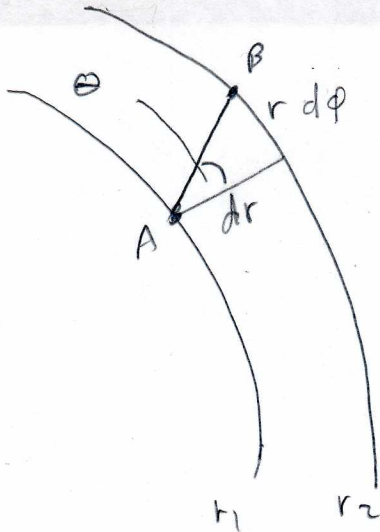
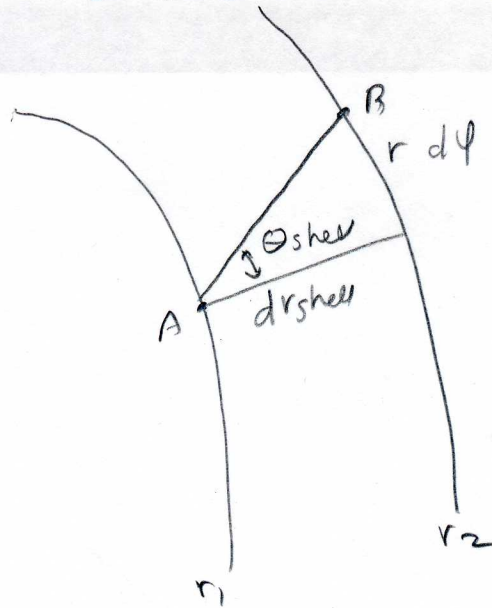


Angles of light in Schwarzschild & shell frame

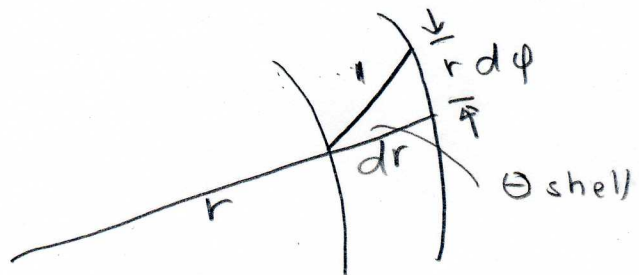
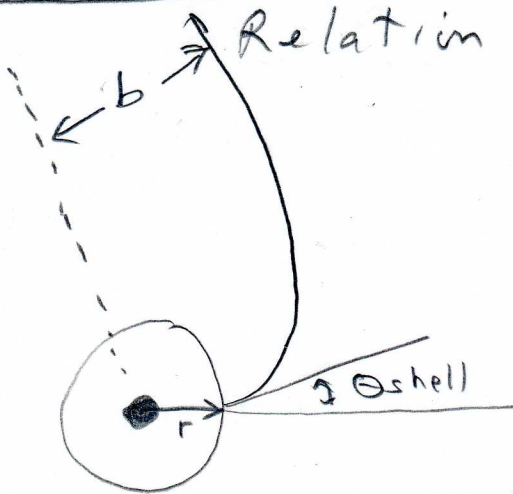
Schwarzschild Map



Shell observer Map

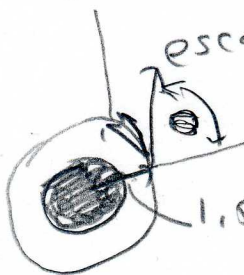


Relation between b , θ_{shell} and $r d\phi$



trapped = hits hole

escapes



$1.5 r_s = \text{light orbit}$