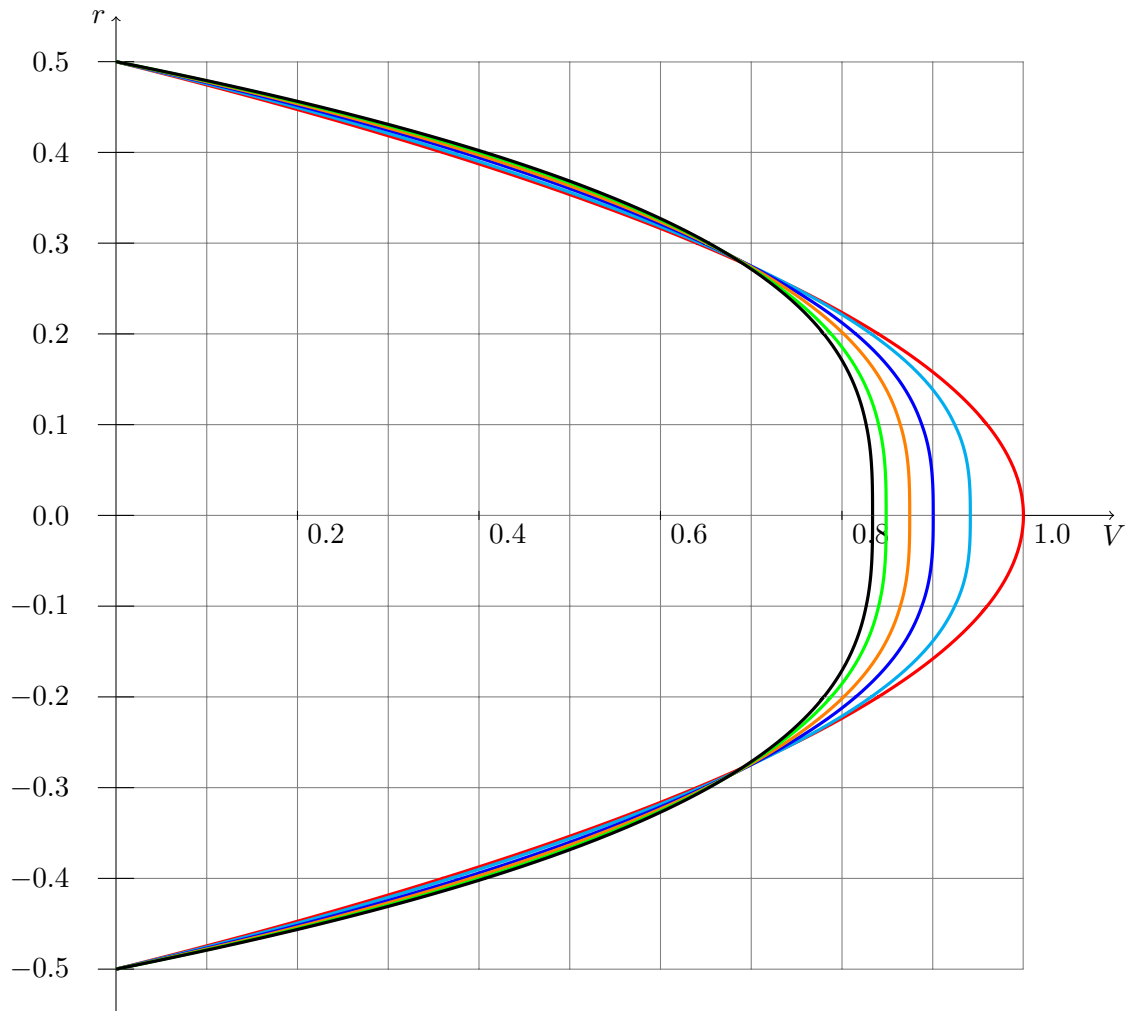— The flow in pipe $L : [-1; 7]$;
— Inlet boundary conditions $'v' : ux = (1 - 4 * y^2)$
— Outlet boundary conditions $'O'$: outflow boundary conditions
— IFSTRS=TRUE, IFAXIS=TRUE

Velocity curves along the pipe :
— red - inlet profile $L = -1.0$
— ligth blue $L = -0.7$
— blue $L = -0.5$
— orange $L = 0.0$
— green $L = 0.3$
— black-$L = 4.3$