

THE EFFECT OF PRESSURE FIELD CONVECTION TO WATER HAMMER IN A HOMOGENEOUS FLUID

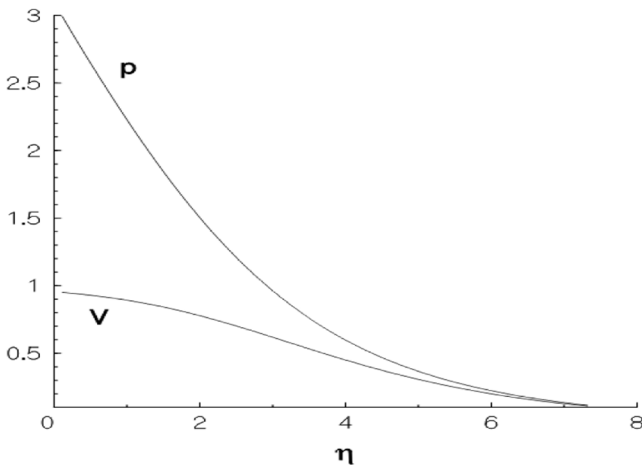


Figure 2 – The dependence of velocity and pressure values on the self-similar variable

The comparison of the solutions make it clear the importance of taking into account the convection of the pressure field, since the corresponding functions are entirely different with those without the effect. Therefore, if we use not only the convection of the velocity but also the pressure in the model, then the relationship between the pressure and UDC 532:542