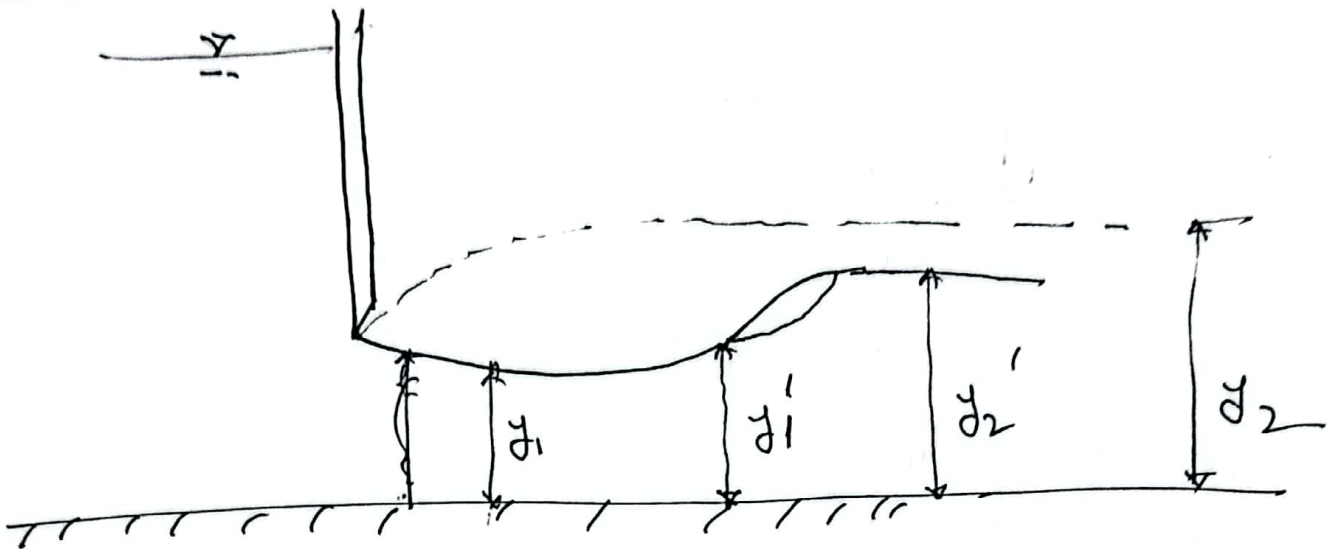


Case II: $y_2' < y_2$



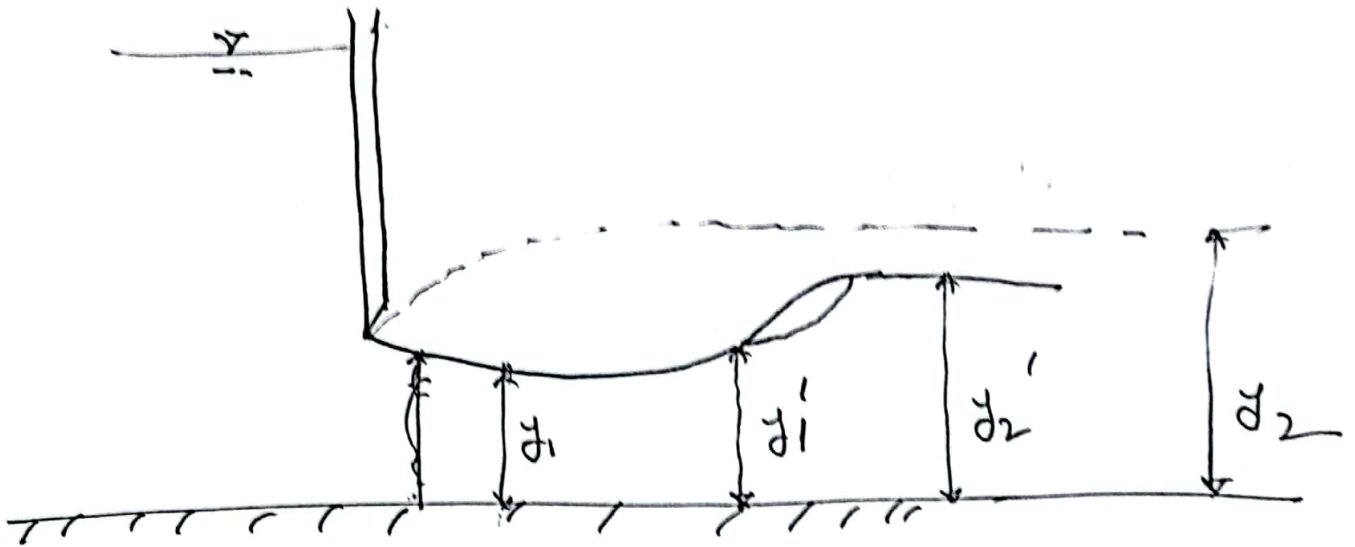
$y_2' < y_2$

Jump will shift downstream. Water flow profile shall be back water curve(?). Depth y_1 shall be increase as number y_1 shall ~~q~~. As a result froude number shall be decrease. Water shall so sequent depth shall be adjusted to a lower depth which is equal to y_2' .

Remedy is to use certain control in channel bottom so as to increase tail water depth.

p-2

Case II: $y_2' < y_2$

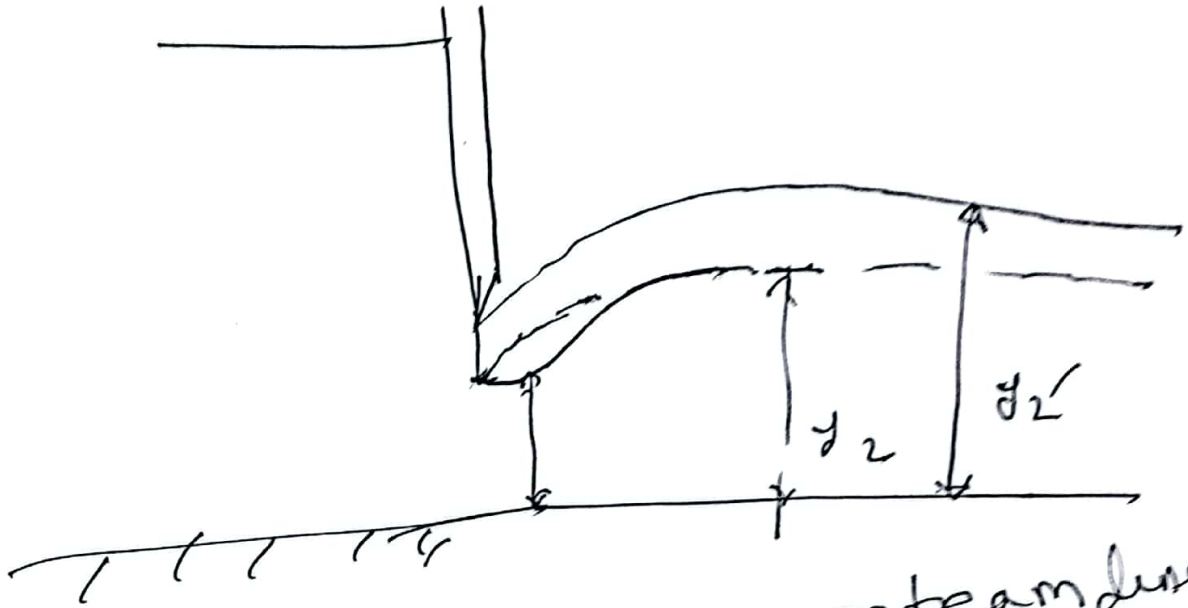


$y_2' < y_2$

Jump will shift downstream. Water flow profile shall be back water curve(?). Depth y_1 shall be increase as number y_1 shall ~~g~~. As a result froude number shall be decrease. Water shall so sequent depth shall be adjusted to a lower depth which is equal to y_2' .

Remedy is to use certain control in channel bottom so as to increase tail water depth.

Case III: $y_2' > y_2$:



~~Case~~ Jump will move upstream direction,
Eventually forming Submerge Jump. But
very low energy dissipation.