

OPEN CHANNEL FLOW – THE HYDRAULIC JUMP

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ABSTRACT

The title of my project is ‘Open Channel Flow – The Hydraulic Jump’. The main purpose of this project is to consider the phenomenon of the hydraulic jump that occurrence on the open channel flow:

There are several objectives for this project, which are:-

1. To show the formation of the hydraulic jump
2. To know the effect of the hydraulic jump
 - I. The energy loss
 - II. Other effects of the hydraulic jump