

MODELING THE ROTATION OF A TURBULENT FLOW WITH A VARIABLE RADIUS

O‘TBOSAROV SHUHRATJON RUSTAMJON UGLI¹, KHUDAYKULOVS AVET ISHANKULOVICH²
& MUMINOV OYBEK ALISHER UGLI³

¹Doctorate, Department of Civil Engineering Construction, Faculty of Construction Fergana Polytechnic Institute
Republic of Uzbekistan

²Doctor of Technical Sciences, Professor, Research Institute of Irrigation and Water Problems, Tashkent, st. Korasuv, 4/11.
Republic of Uzbekistan

³Doctorate, Department of Civil Engineering Construction, Faculty of Construction Fergana polytechnic institute.
Republic of Uzbekistan

ABSTRACT

The head part of the high-speed current has various design solutions. Most often it is a straight weir with a wide threshold or a practical profile, followed by a fast flow of the same width tapering. Since the interaction of a turbulent flow and solid boundaries - the walls of the channel - disturbance waves may appear, the initial narrowing section is sometimes performed with a slope less than the critical one.

KEYWORDS: Reservoir, Outflow, Pressure, Hydrostatic Pressure & Fluid Movement

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