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## ANALYTICAL STUDY OF FLOW PARAMETERS OF HOLLOW CHARGE JET

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## Abstract

One-dimensional steady ow penetration of a jet in hollow charge has been investigated for the penetration onto the target aspect. Use of PER theory has been incorporated in analyzing the flow situation. Assuming jet from hydrodynamic point of view, analytical expression for pressure, velocity, and temperature distribution has been derived and the method for computation of penetration phenomena has been highlighted. The present analysis is restricted to only analytical aspect and comparative statements with respect to Birkho\_ theory and PER [1] theory.