COMPARISON OF SOLUTIONS
(b) EXAMPLE BY SUGGESTED METHOD
(SEE VOL. 1 APPENDIX 5)
2 1/2" dia. SURGE TANK with 1/8 ORIFICE

FLOW IN CUSECS

CONTROL PRESSURE 'A'

PRESURE IN LBS PER SQ. INCH

TIME 1 div. = 0.0014 SEC.
2½" dia. SURGE TANK with 1/44 ORIFICE
5" dia SURGE TANK with 1/28 ORIFICE

CONTROL PRESSURE 'A'

FLOW IN CUBIC FEET

PRESSURE IN LBS PER SQ. INCH

TIME 1 div. = 0.0054 SEC.
1½" dia. DIFFERENTIAL SURGE TANK No.2

CONTROL PRESSURE 'A'

PRESSURE IN LBS PER SQ. INCH

FLOW IN CUSECS

\[ \text{TIME} = 0.001 \text{ sec.} \]
2½" dia. SURGE TANK with ⅛8 ORIFICE
2½" dia. SURGE TANK with 1/88 ORIFICE

INTERMEDIATE POINTS

FLOW IN CUSECS

PRESSURE IN LBS PER SQ. INCH
COMPARISON OF SOLUTIONS
(a) EXAMPLE BY BENINI METHOD

(SEE VOL. 1 APPENDIX 5)