

CALCULATION OF PRESSURE DROP  
(GENERAL MODEL)

SELECTION OF THE METHOD

1. Homogeneous Flow Model
2. Lockhart-Martinelli Model
3. Baroczy-Chisholm Model
4. Friedel Model

RESULTS

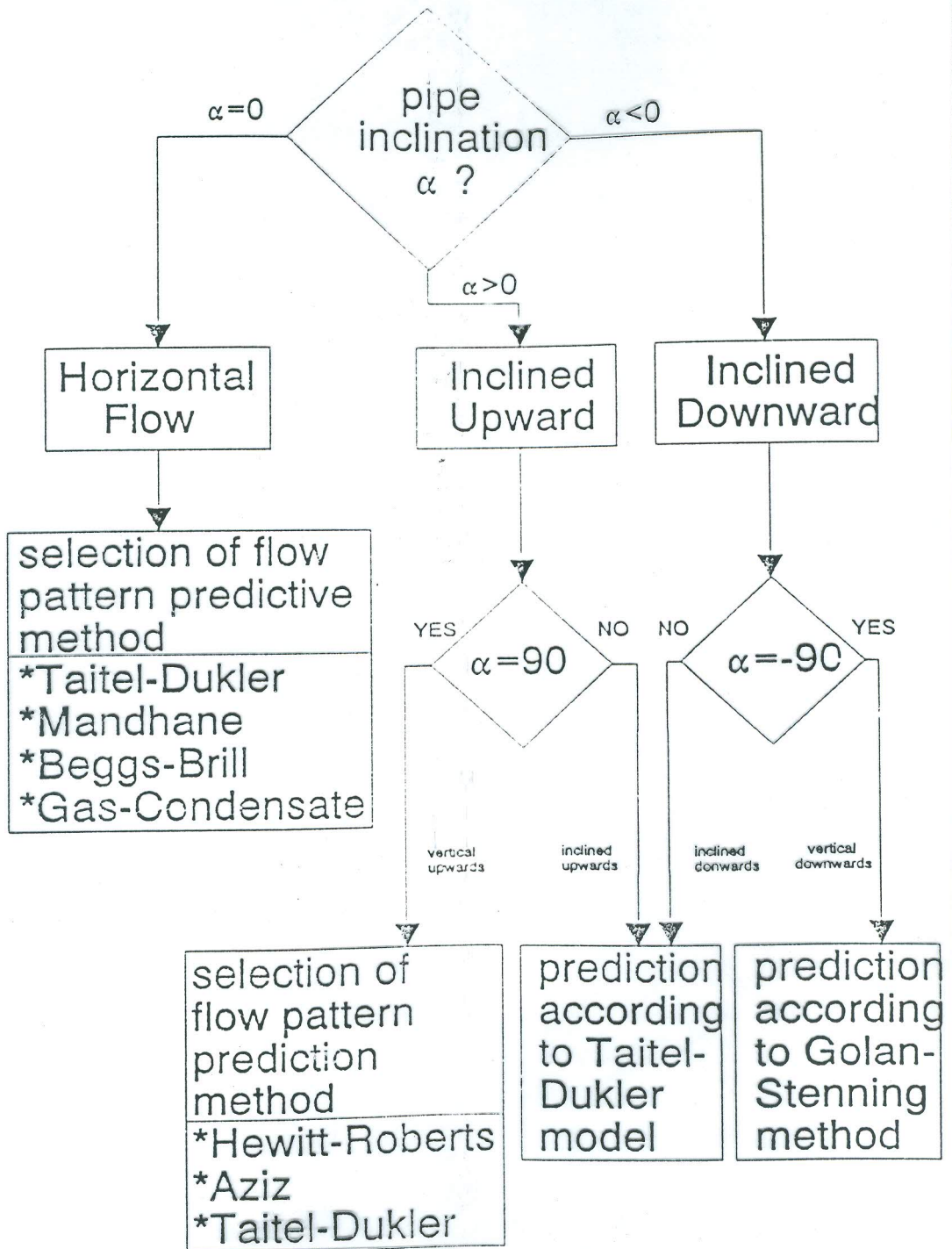
SELECTION :

1.  $\Delta P$  calculation according to another general model.
2.  $\Delta P$  calculation according to a specific model (for the existing flow pattern).

Position B

Schematic D

# FLOW PATTERN PREDICTION

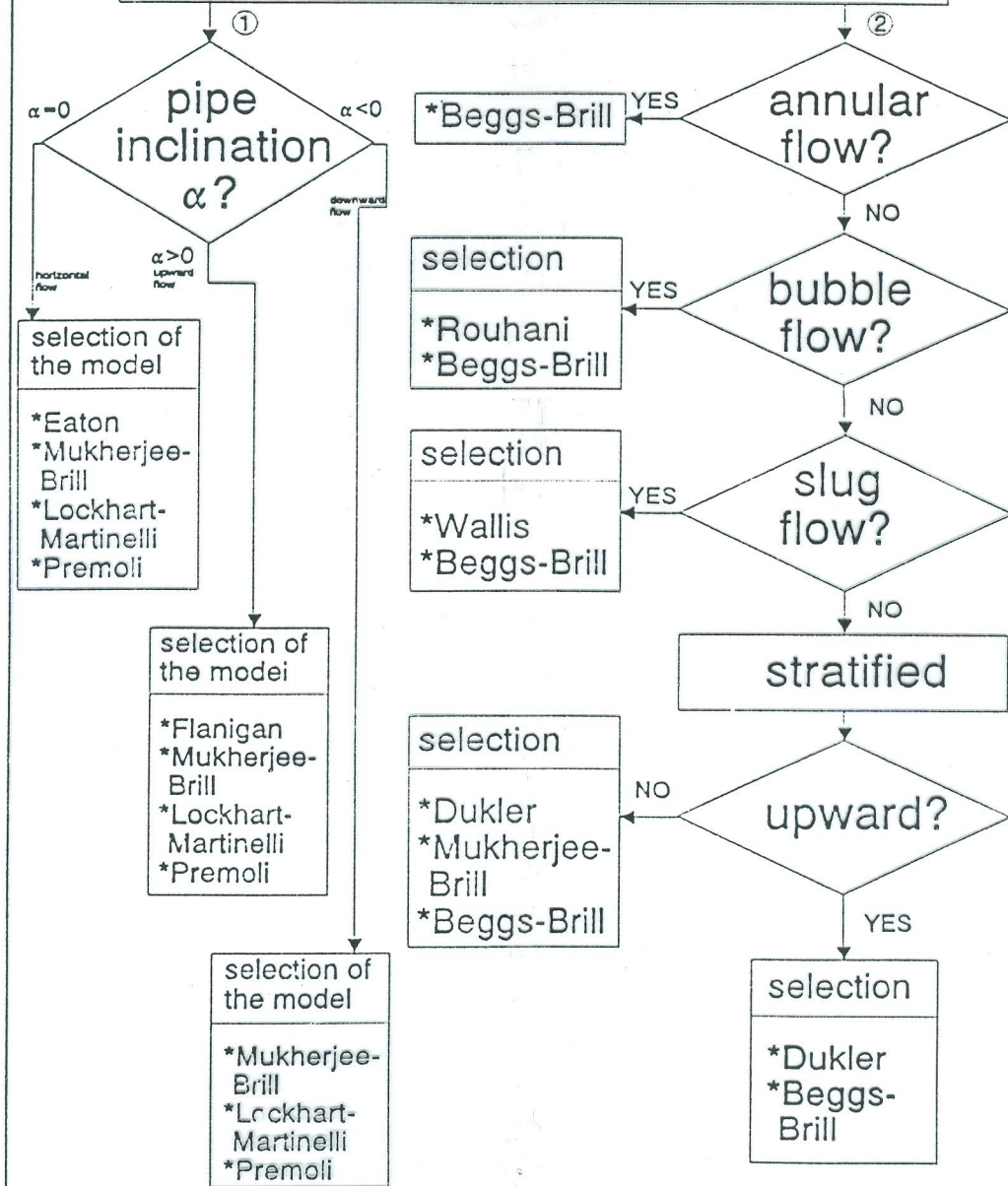


Schematic E

# CALCULATION OF LIQUID HOLDUP

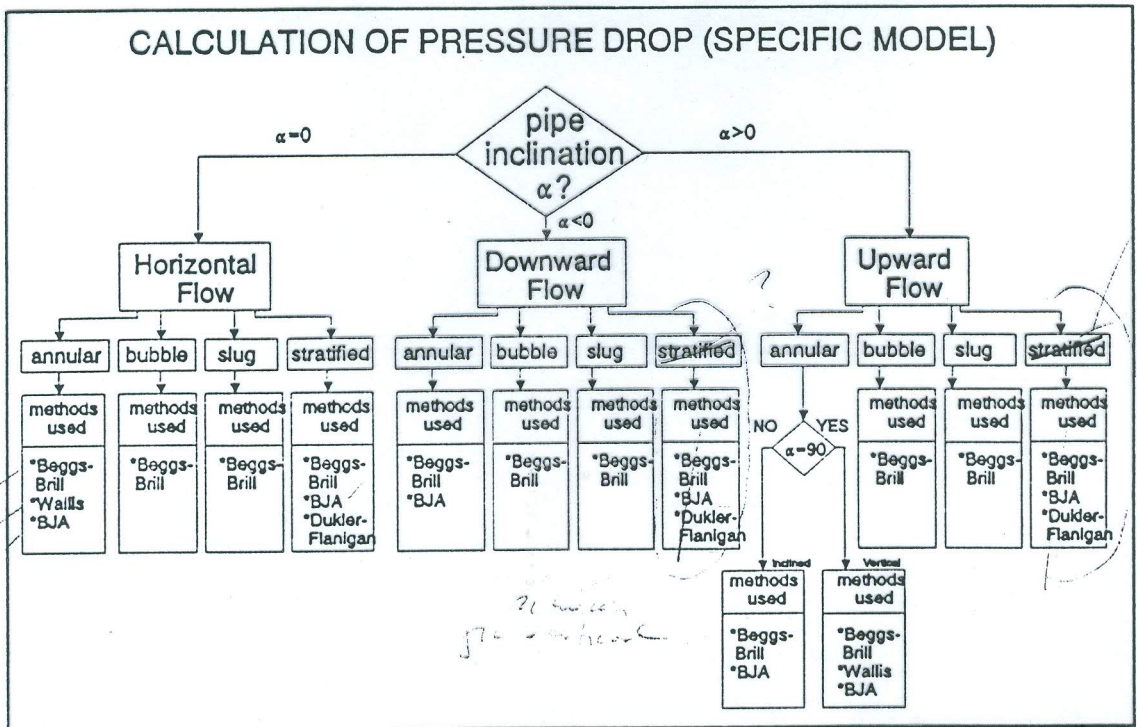
selection of the predictive model

- 1) model independent of flow pattern
- 2) model dependent on flow pattern



Schematic F

# CALCULATION OF PRESSURE DROP (SPECIFIC MODEL)



Schematic G