Photo de l'installation

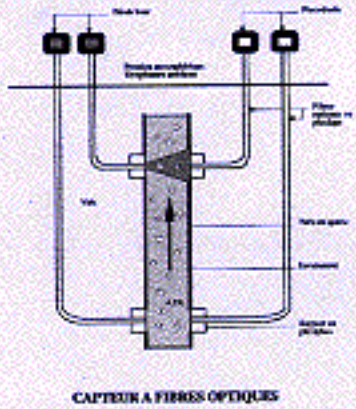
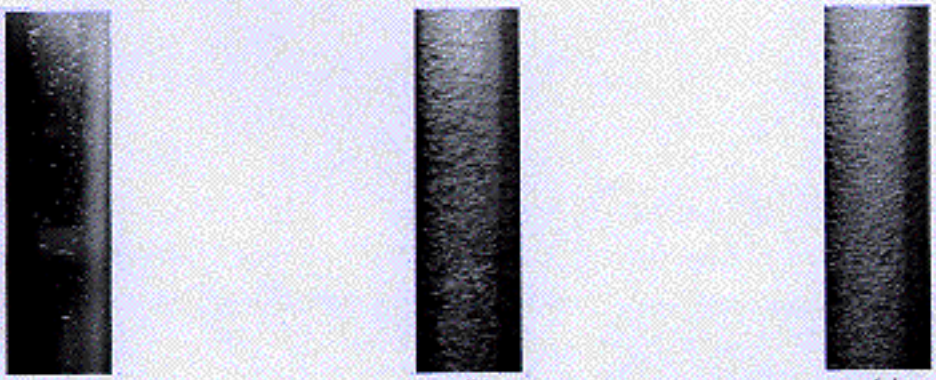


Schéma du capteur optique



(a) *(b)* *(c)*

Photos des différents régimes observés

(a) à bulles *(b) à bulles-poches* *(c) à poches disloquées*

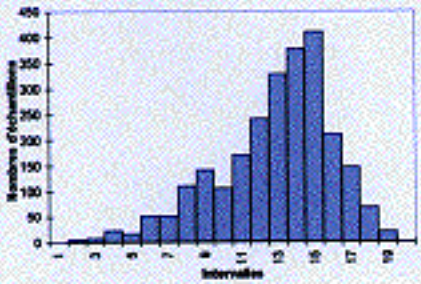


Figure 1

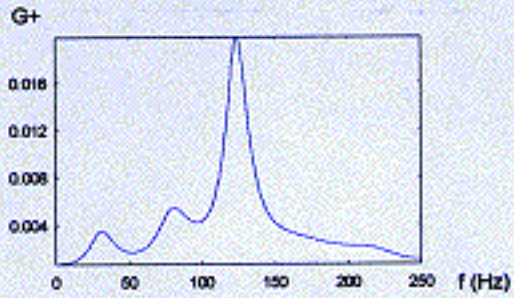


Figure 2

Ecoulement 'à bulles' : q = 0.65 g/s ; x = 0.005

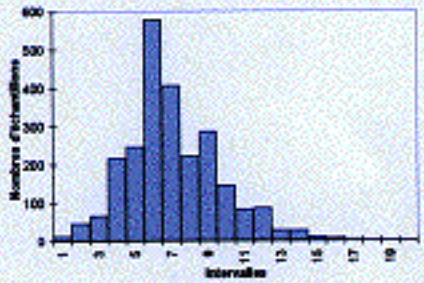


Figure 3

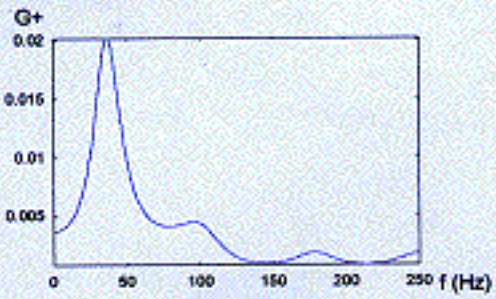


Figure 4

Ecoulement 'à poches' : q = 0.66 g/s ; x = 0.1948

Figures 1 et 3 : histogrammes *Figures 2 et 4 : densités spectrales paramétriques*