

of height h and length 2ℓ , the appropriate similarity parameters are the three numbers

$$F_h = F = \frac{U}{Nh}, \quad \epsilon = \frac{h}{\ell}, \quad F_\ell = \epsilon F = \frac{U}{N\ell}, \quad (1.1)$$

only two of which are independent. The so-called internal Froude number F is the square