

$\Delta T$  = temperature difference across plug

$V$  = volume flow rate,  $\text{cm}^3/\text{sec}$

$v_n$  = normal-fluid velocity

$v_s$  = superfluid velocity

$\eta$  = viscosity

$\rho_n$  = normal-fluid density

$\rho_s$  = superfluid density

## REFERENCES

1. J. Wilks, *The Properties of Liquid and Solid Helium*, Clarendon Press, Oxford (1967), p. 36; also J. Donnelly, *Experimental Superfluidity*, University of Chicago Press, Chicago (1967), p. 32.
2. J. Wilks, *op. cit.*, p. 388; or K. R. Atkins, *Liquid Helium*, Cambridge University Press, Cambridge (1959), p. 159.
3. J. Wilks, *op. cit.*, p. 56.