



## Report of the Philadelphia Relief Committee, Appointed to Collect Funds for the Sufferers by Yellow Fever, at Norfolk Portsmouth, Va., 1855

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 50 pages. Original publisher: Hanover, N. H : US Army Corps of Engineers, Cold Regions Research and Engineering Laboratory ; Springfield, Va. : Available from NTIS, 1995 OCLC Number: (OCoLC)32885984 Subject: Soils -- Effect of temperature on -- Mathematical models. Excerpt: . . .  $T(X, t) = T_0 + \frac{2G}{\sqrt{\pi k \rho c}} \int_0^t \frac{f(\tau) d\tau}{\sqrt{t-\tau}}$  (2) (2b)  $G_x$  The initial temperature at the beginning of freeze is  $T_0$ . (2c)  $i_0$  The maximum depth at any time to which the temperature disturbance will be felt is  $X$ . Then  $T(X, t) = T_0 + \frac{2G}{\sqrt{\pi k \rho c}} \int_0^t \frac{f(\tau) d\tau}{\sqrt{t-\tau}}$  (2d)  $2$  o The energy balance at the phase change interface for the freeze process is  $T_0 dX = \frac{1}{2} \rho c \int_0^t X^2 dt$  (2e) ( ) ( 1 2 2 x x dt The energy balance at the freezing front can also be written as two equations ( Lunardini 1981b ) 2 2 )  $T(X, t) = T_0 + \frac{2G}{\sqrt{\pi k \rho c}} \int_0^t \frac{f(\tau) d\tau}{\sqrt{t-\tau}}$ ...



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