Fig. 5.3.--Flow Chart for the Constitutive Relation

$p_1 = .200$ M

$\tau = 1/3$ μse

$C_L = .1$

$\Delta x = .1$ cm

$\Delta t = .05$ μs

t=.5 μsec   t=.8 μsec   t=1.0μsec   t=1.3 μsec   t=1.6 μsec   t=2.0 μsec
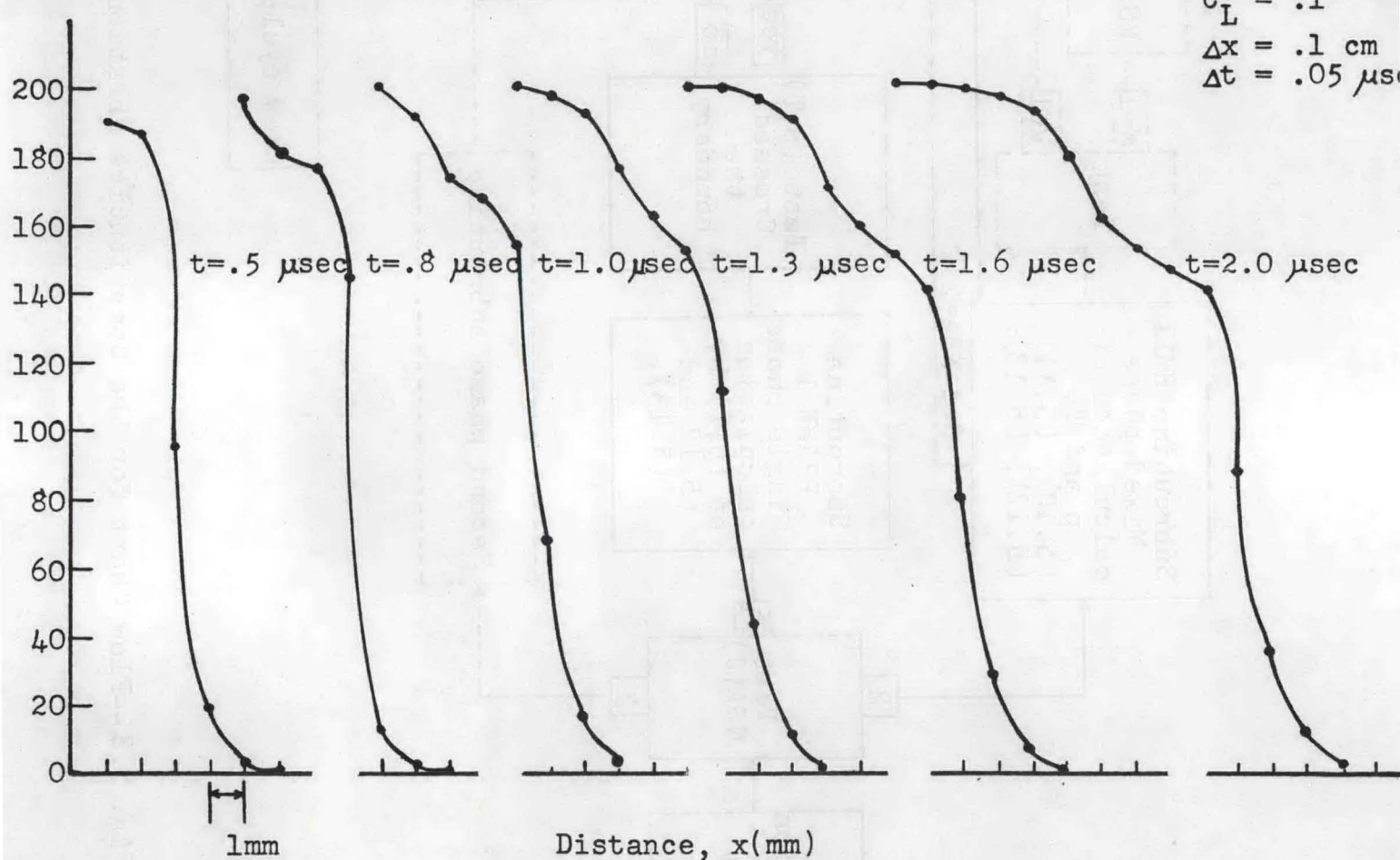
1mm

Distance, x(mm)

Fig. 5.4.--Wave Propagation in Iron at Early Stages.
Δx and Δt are space and time increments used in the numerical integration.