The lywind Scheme: unm+1 = unm - 68+ unm (hn+1/2 - hn-1/2) - A+ (un+2 - 2un+1 + 2un-1 2/011)3 where Pa+1/2 = st fn+1-fn 9n+1/2 20 ,  $V_{n+1} = \frac{\Delta t}{\Delta x} \left( \frac{u_{n+1} + u_n}{z} \right)$ hn-/2 = 5 un-1, 4n-1/2 >0 4n-1/2 = st (un+un-1) 4n-1/2 20 -201×620, t>0  $\frac{|C|}{|C|} \qquad u(x_{c0}) = A \operatorname{sech}^{2}(kx) , \quad k = \sqrt{\frac{4}{2}}$  $\frac{BC}{=}$  u(-20,t) = u(20,t)XM+1 (ZNIS) (MEES) UN+1 (UN+2) (UN+3) (u,)(u0) U1 U2 UN W-1 = UN-1 UN+3 = 43