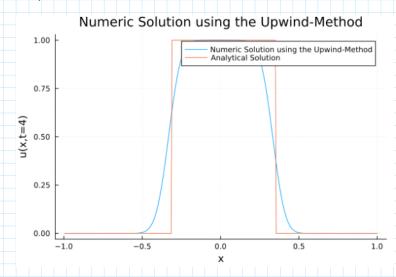
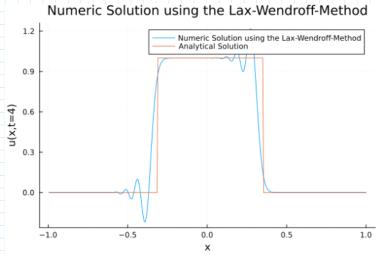


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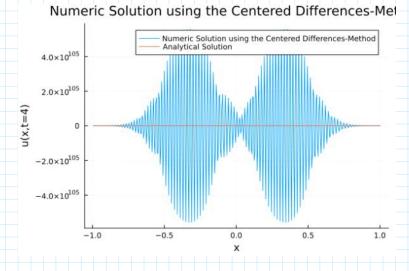
Comparison of the different methods



No sharp corners
<-> dampening-effect



Better approximation of sharp corners -> less dampening than Upwind But there are oszillations before the steep "wall"



The Centered Difference method diverges quickly; Values on the order 10^105 happen after t=4