

Figure 1: Comparison of the analytic solution (—) and numerical solution with $\Delta x = 100/2^{11}m$ (•) for the soliton problem at $t = 50s$ for all methods.

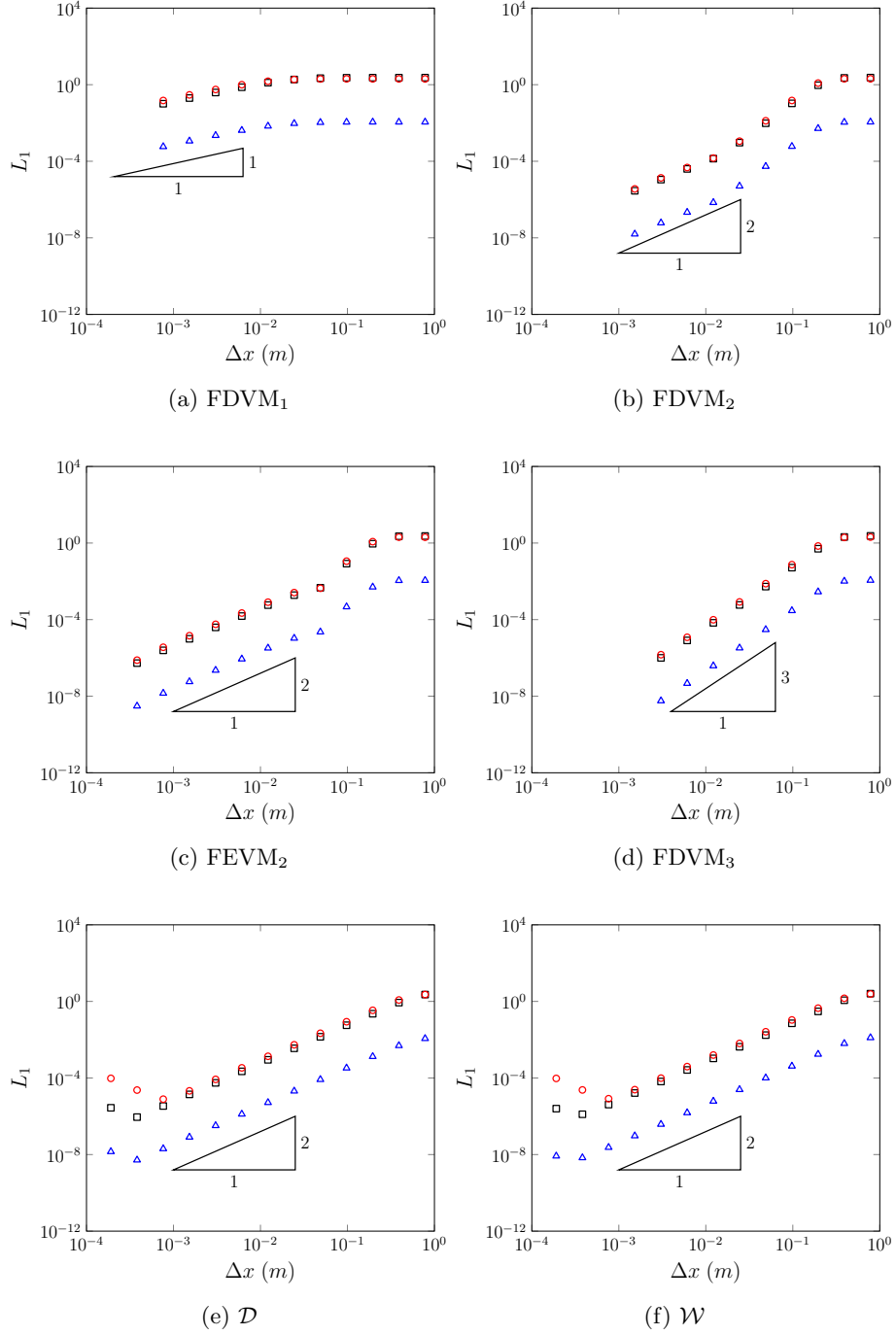


Figure 2: Convergence plots as measured by the L_1 norm for h (\triangle), u (\square) and G (\circ) for the soliton problem for all methods.

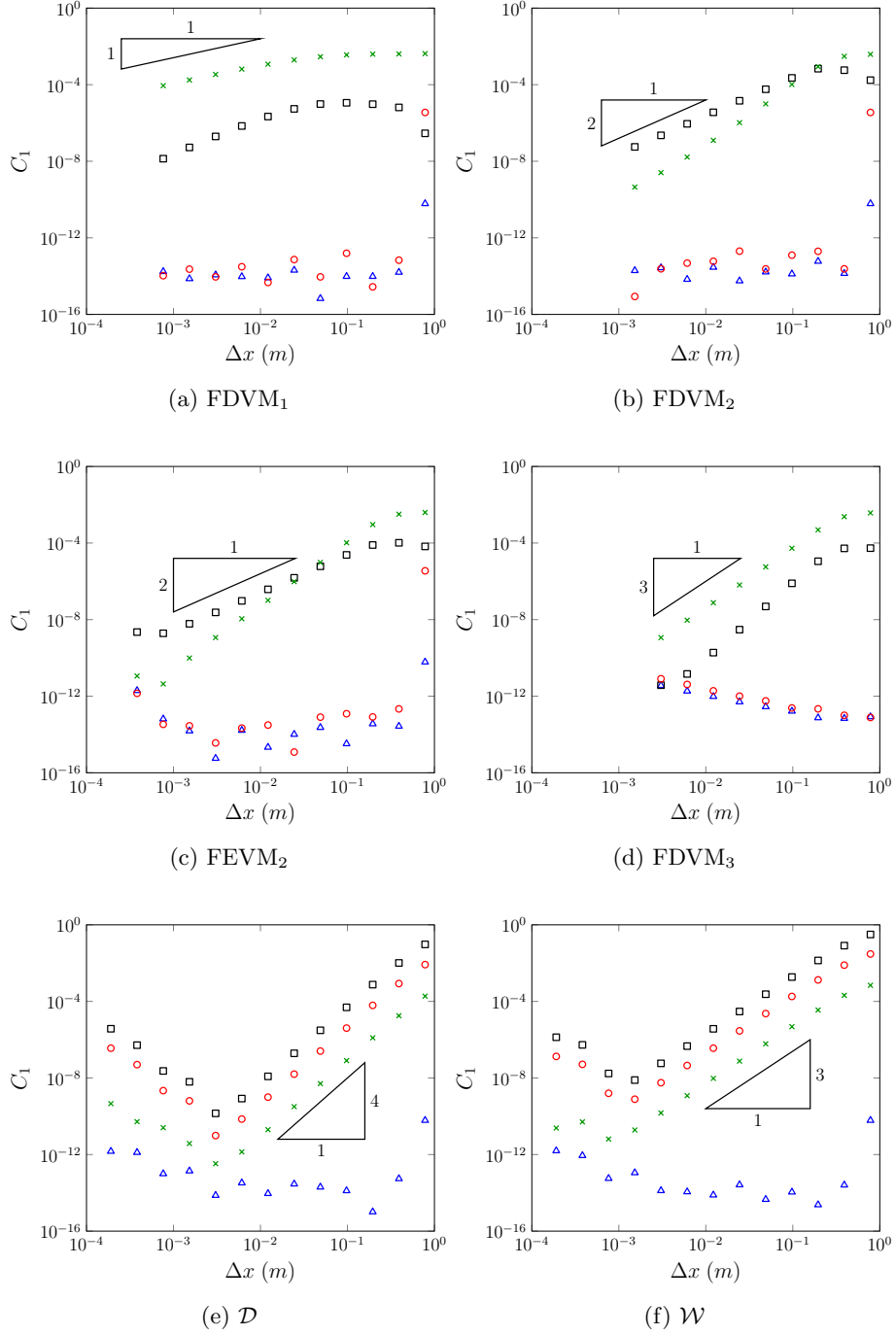


Figure 3: Conservation plots as measured by C_1 for h (\triangle), uh (\square), G (\circ) and \mathcal{H} (\times) for the soliton problem for all methods.

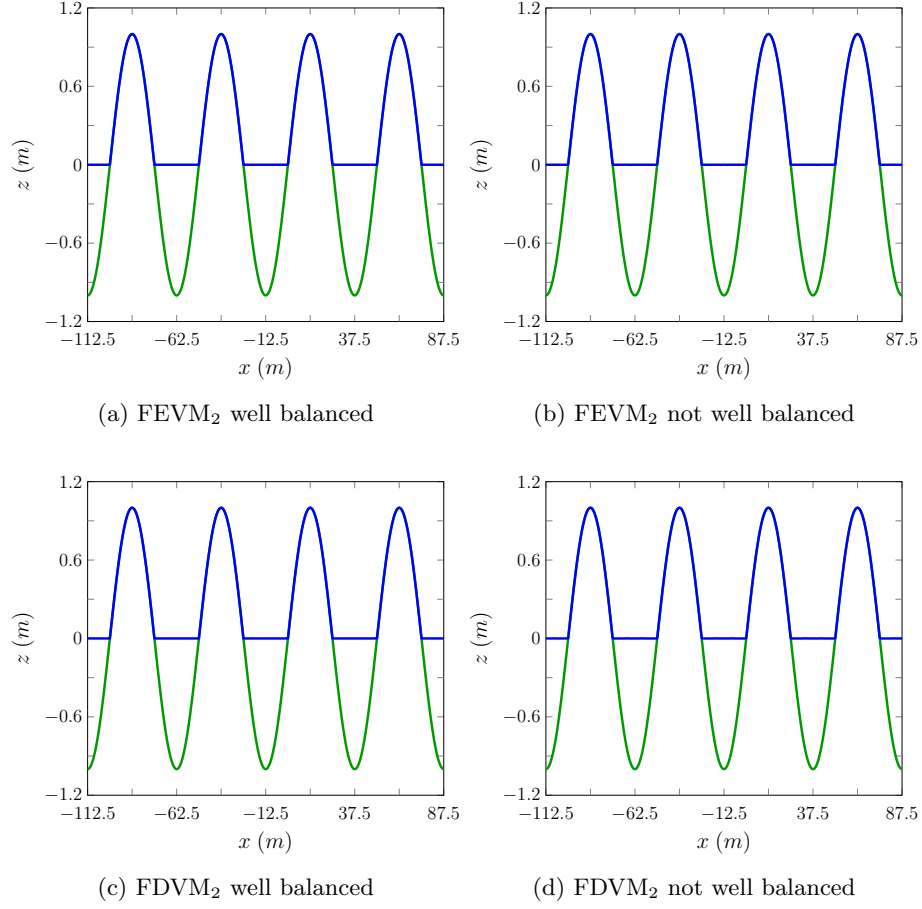


Figure 4: Comparison of the analytic solution (—) and numerical solution with $\Delta x = 100/2^{10}m$ (—) for the lake at rest problem at $t = 10s$ for all methods.

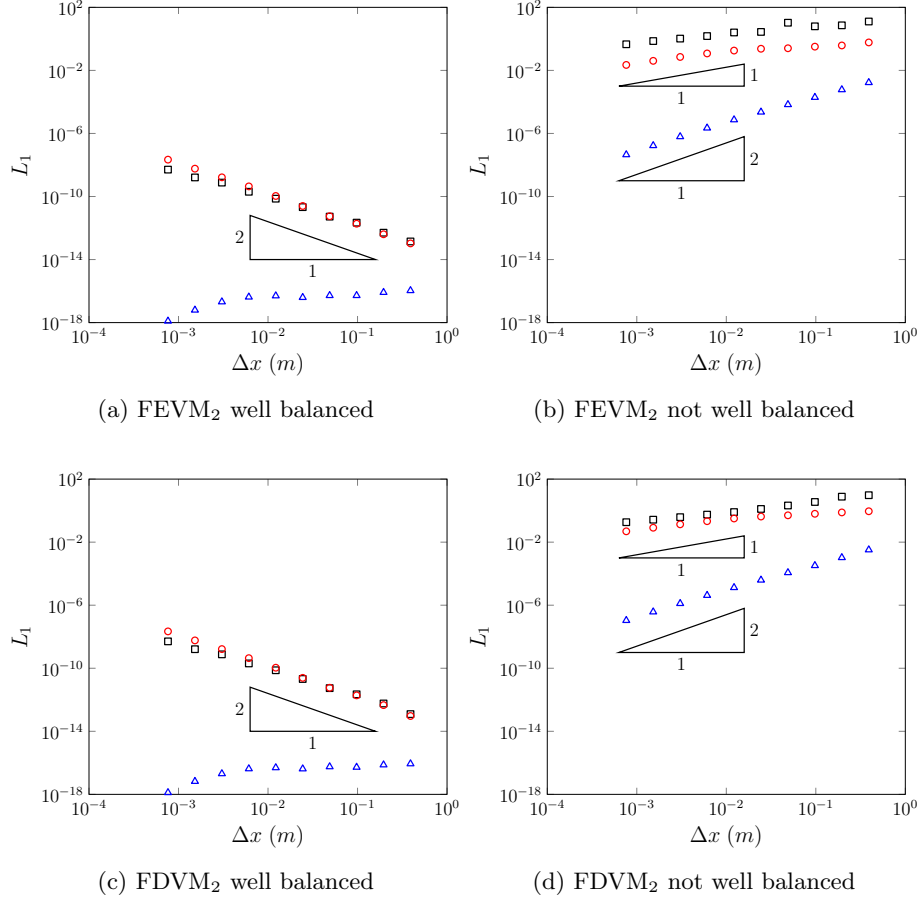


Figure 5: Convergence plots as measured by the L_1 norm for h (\triangle), u (\square) and G (\circ) for the lake at rest problem at $t = 10s$ for all methods.

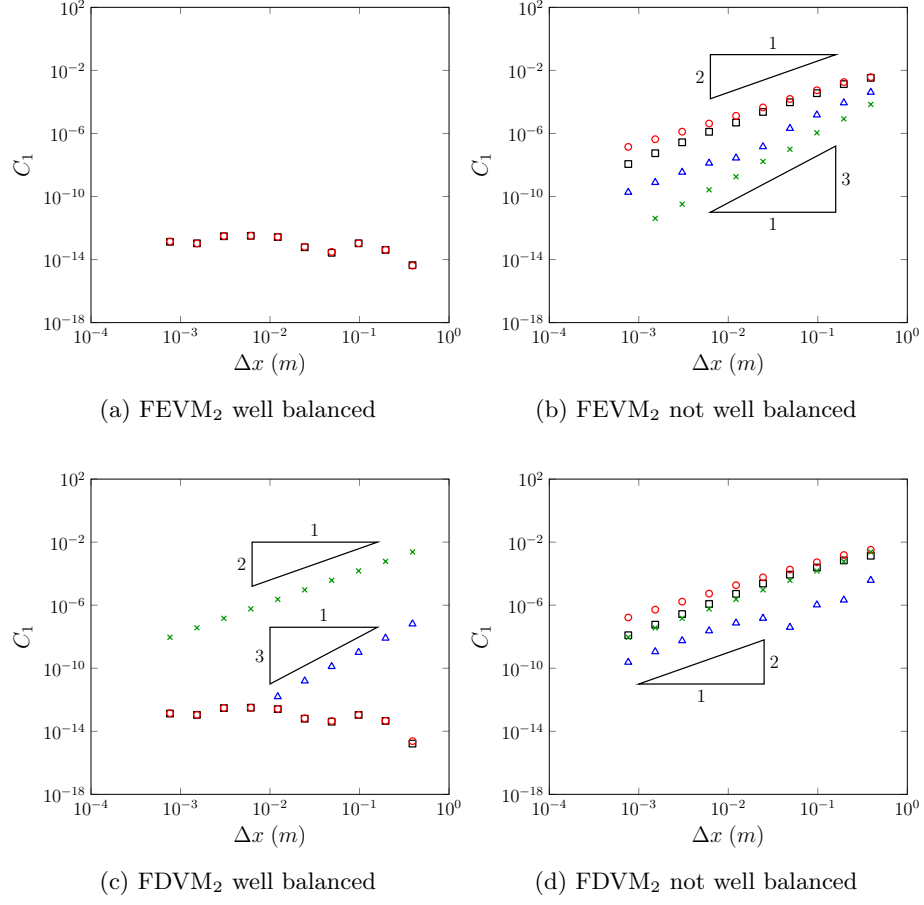


Figure 6: Error in conservation plots as measured by the C_1 norm for h (\triangle), u (\square) and G (\diamond) for the lake at rest problem at $t = 10s$ for all methods.