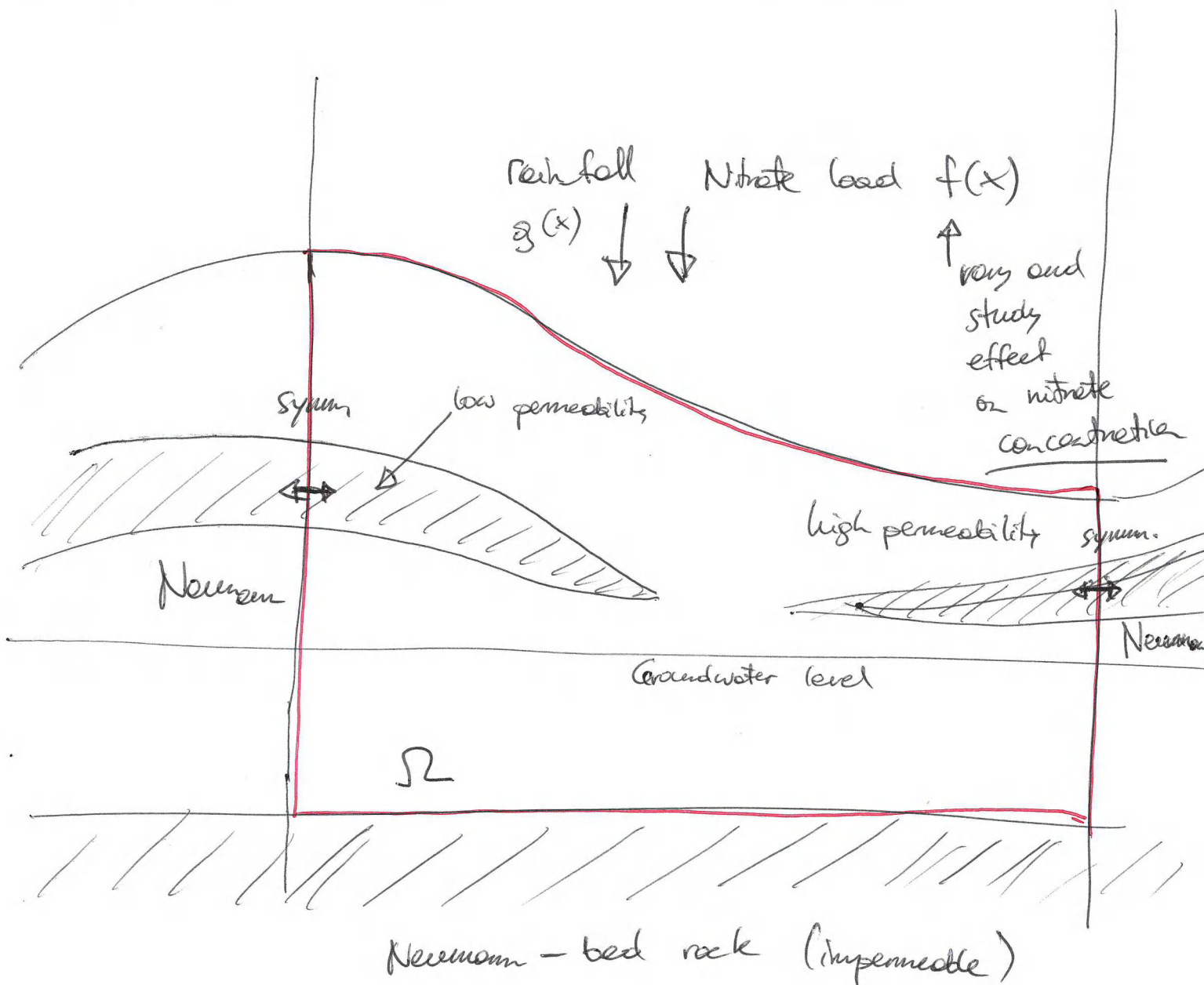


Model problem for EA NWZ problem:



Something like:

- Solve Richards Eqn. (unsaturated groundwater flow) in Ω (red region) - nonlinear PDE. (+ transport of nitrate)
- BCs (assuming symmetries L & R and impermeable bedrock at the bottom) are Neumann (L, R, B) and the rainfall + nitrate load at the top.
- Study effect of where (as fct. of x) nitrate enters the domain on the final concentration & groundwater