

Figure 3.A

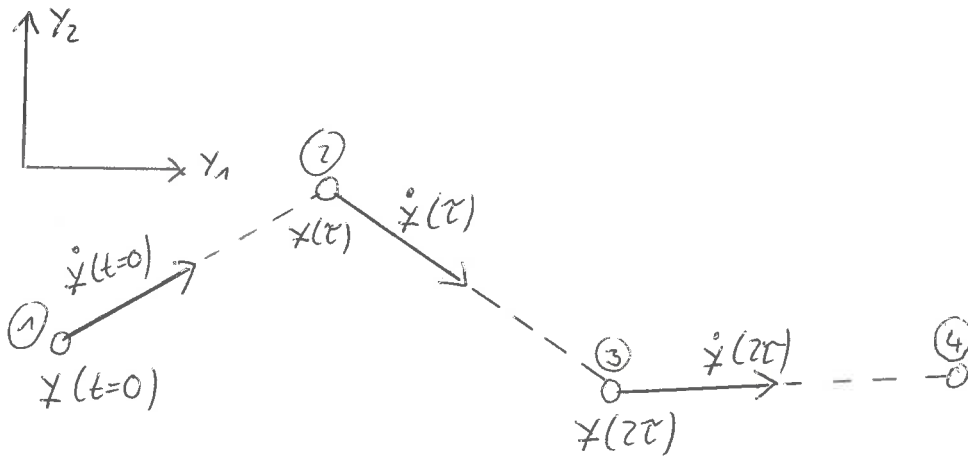


Figure 3.B

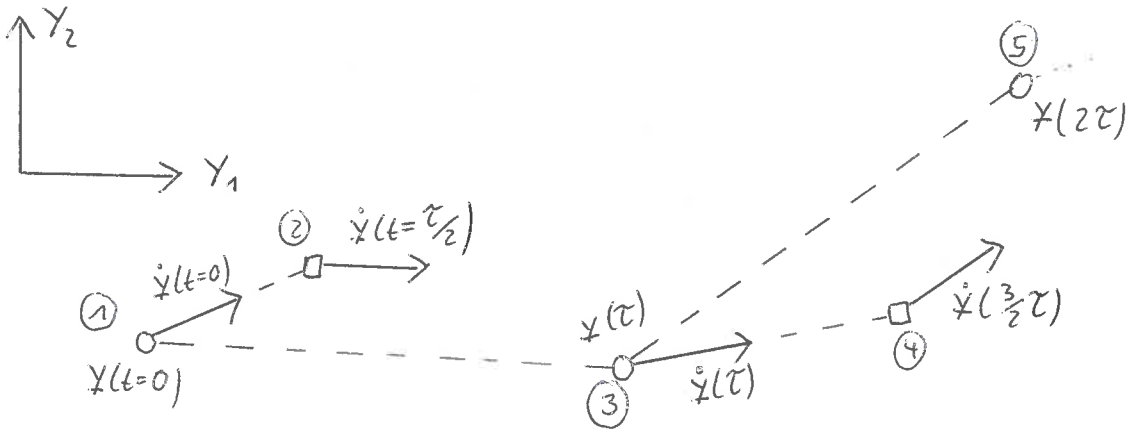


Figure 3.C

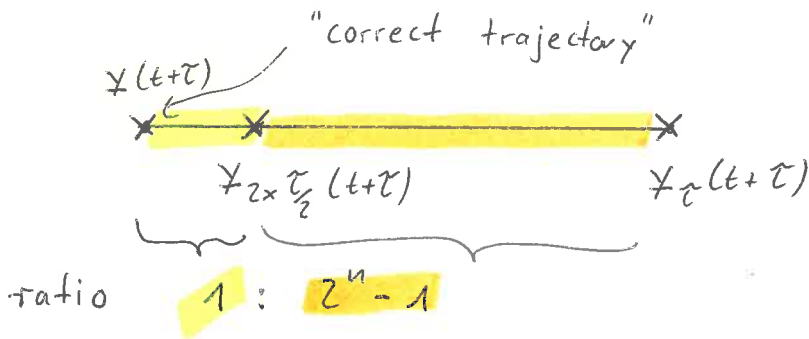


Figure 3.D

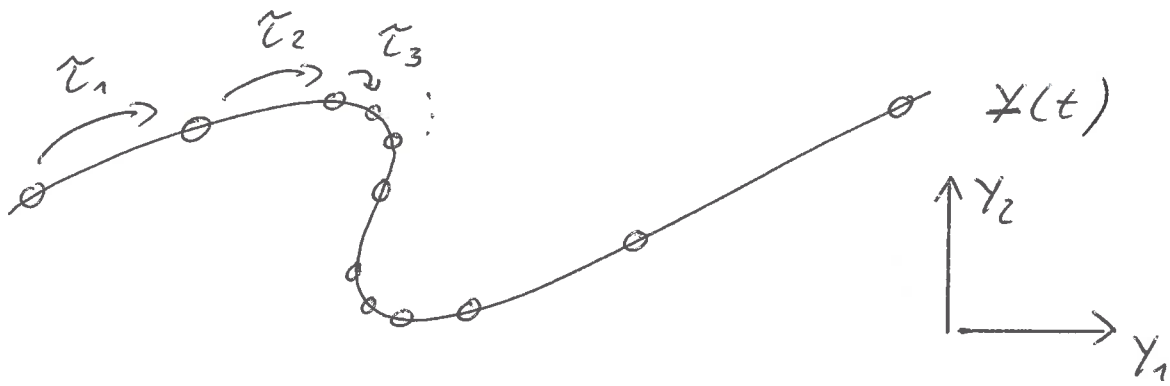


Figure 5.A

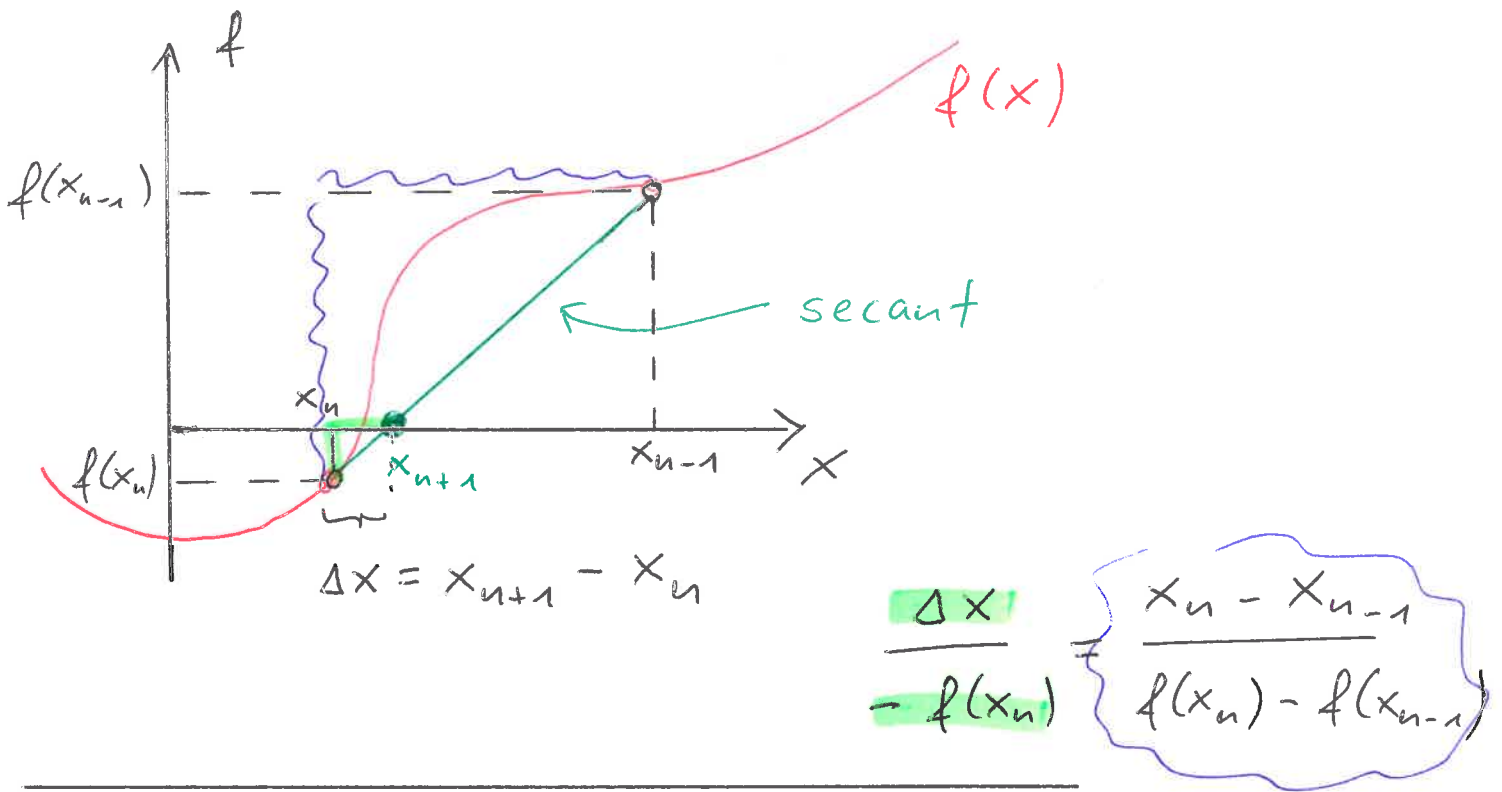


Figure 5.B

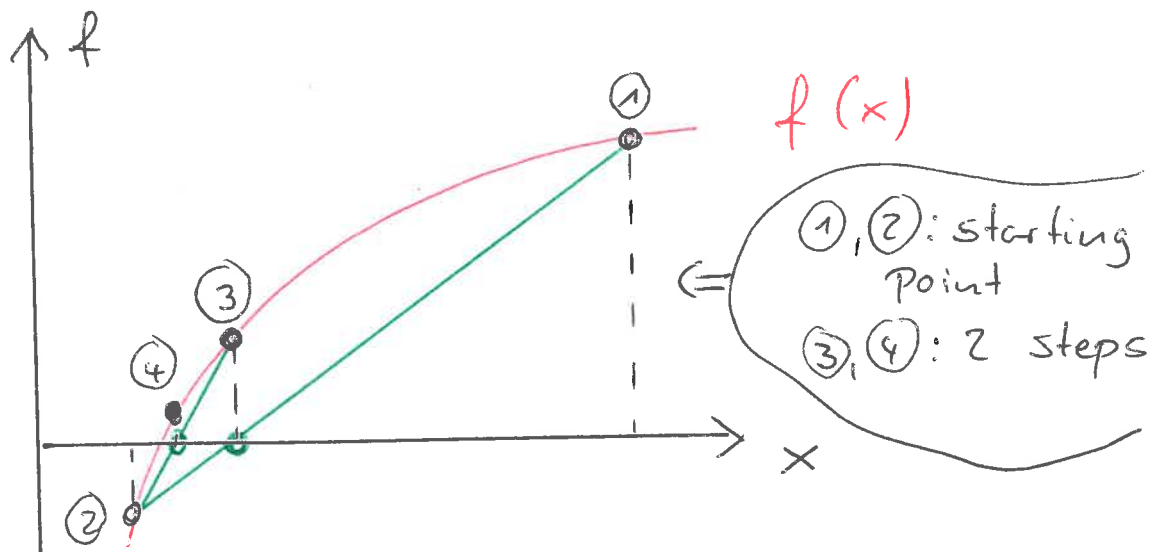


Figure 5.C

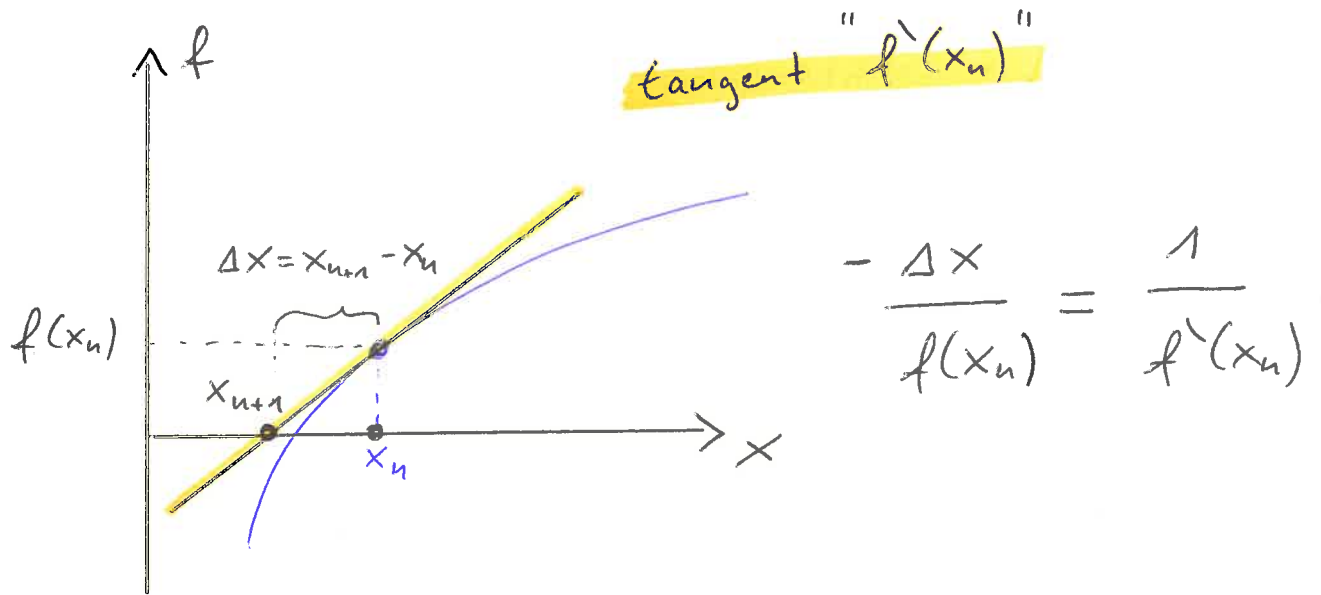


Figure 5.D

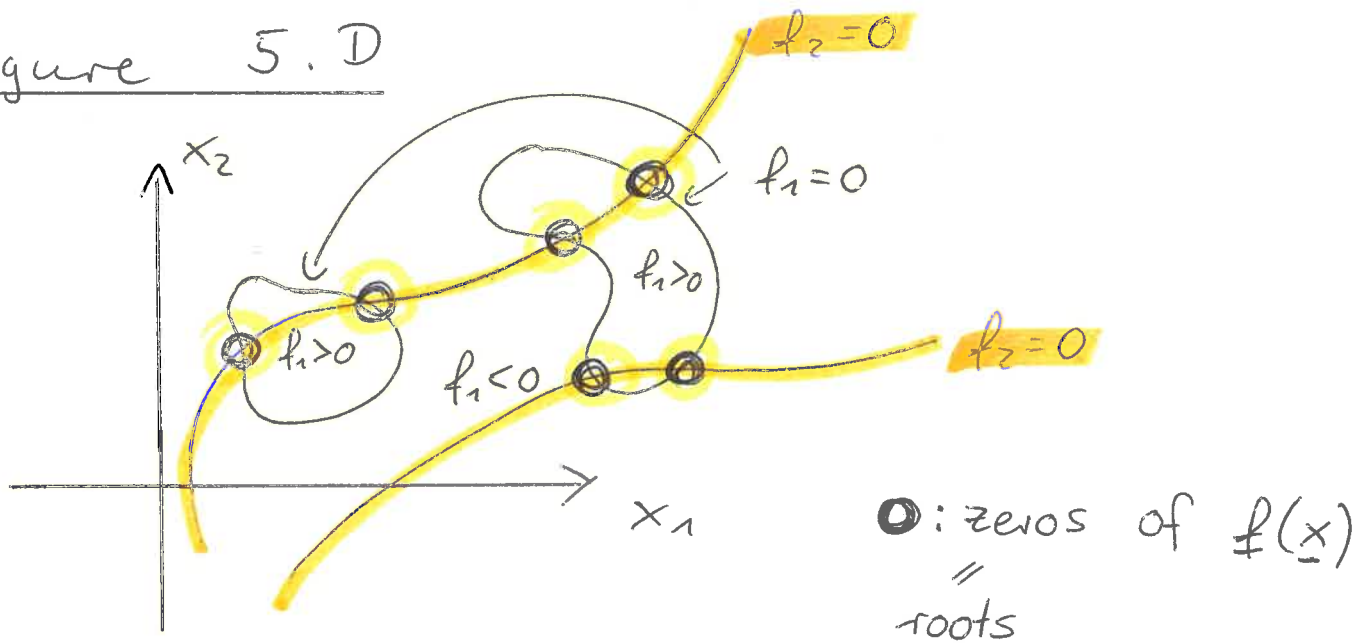


Figure 6.A

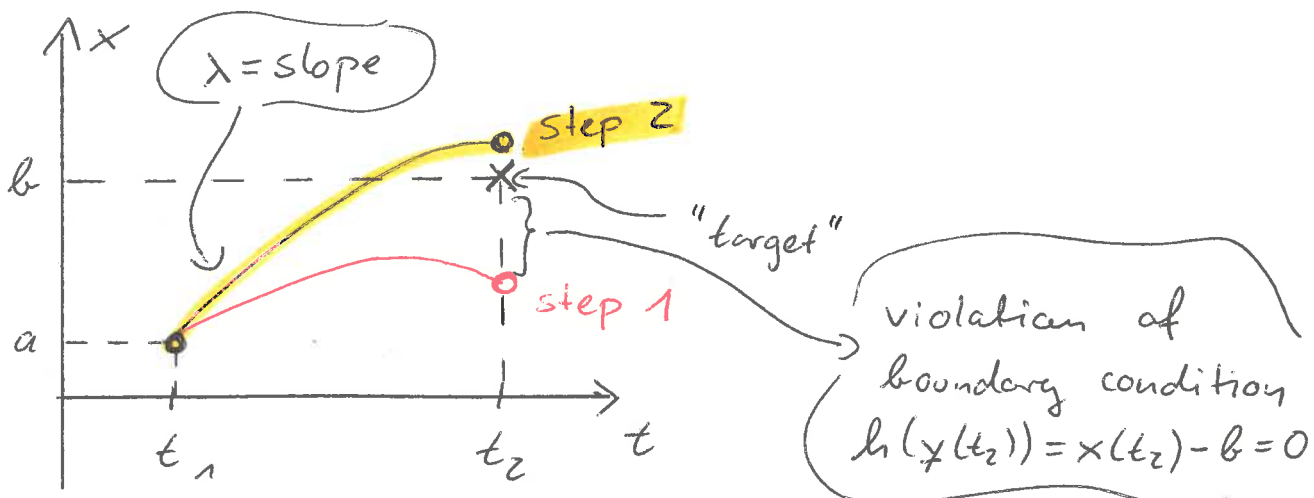


Figure 6. B

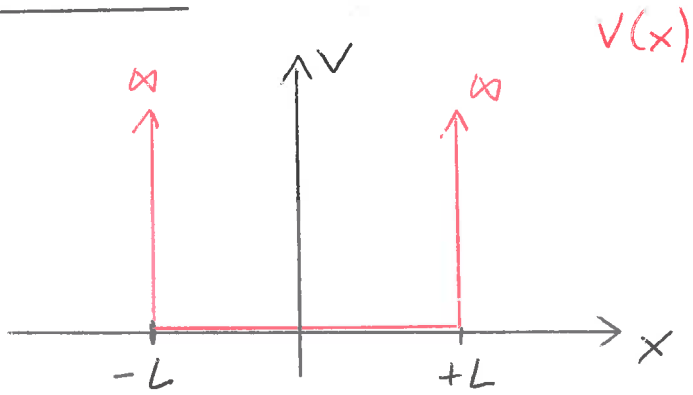


Figure 6. C

HO, ground state  
with  $P=+$

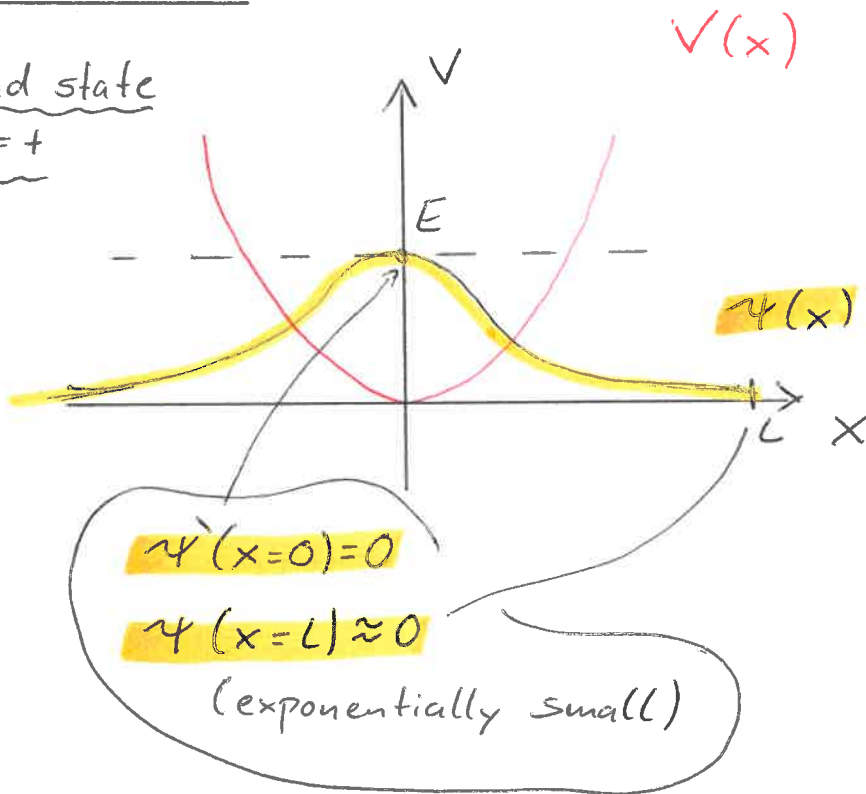


Figure 6. D

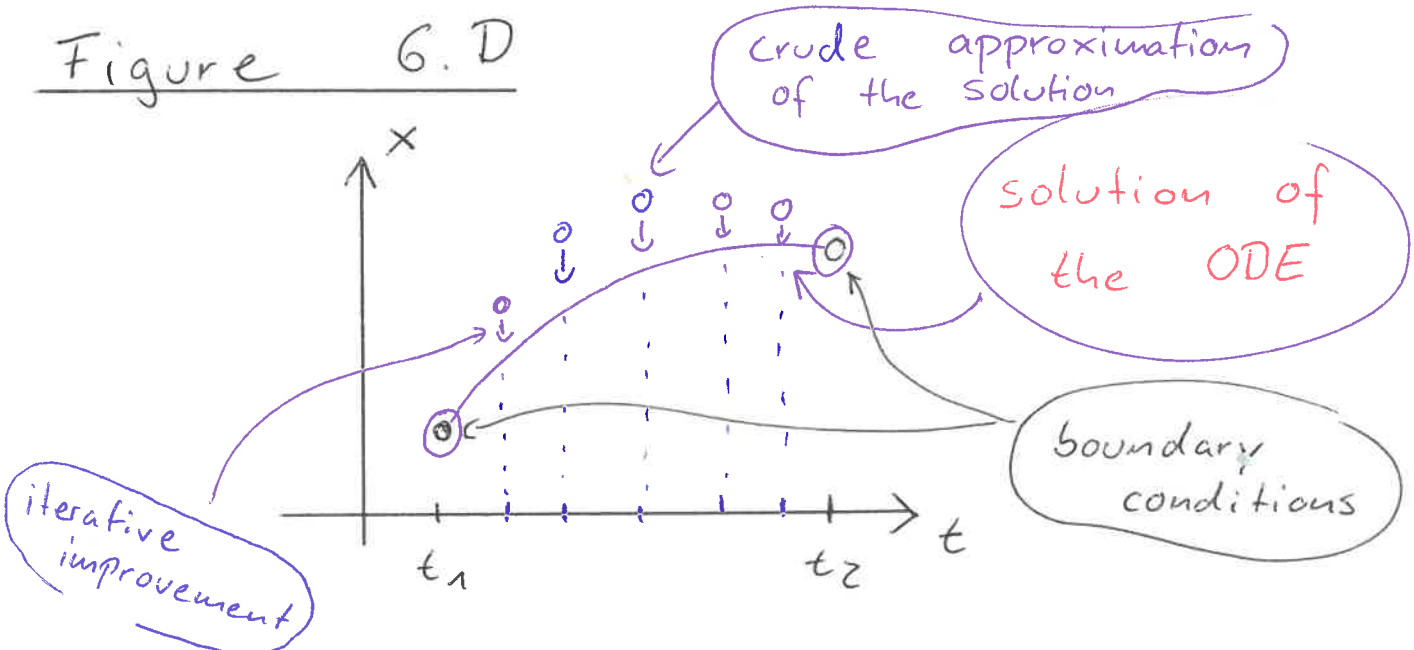


Figure 7.A

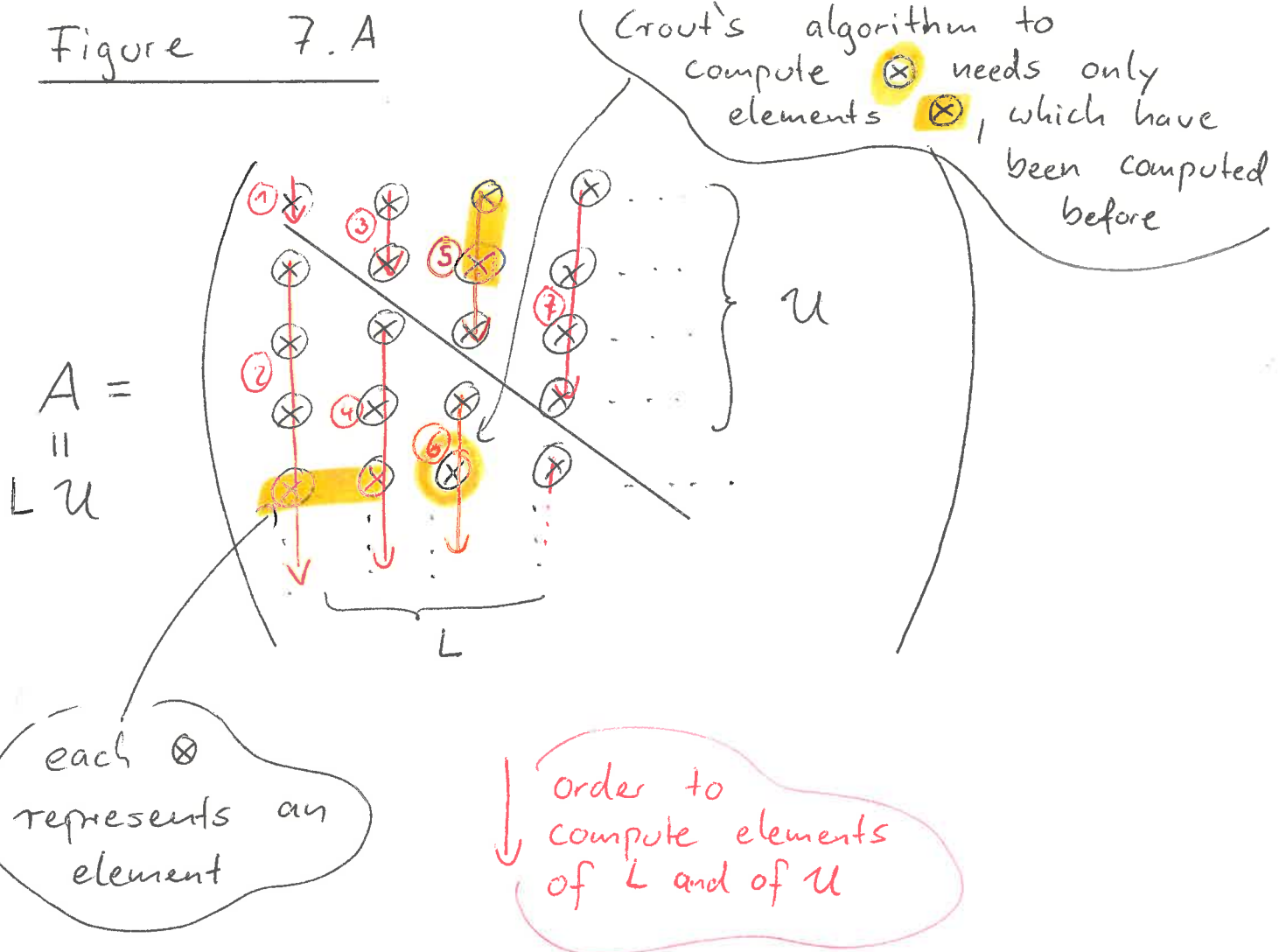


Figure 7.B

conjugate gradient for  $N=2$ :

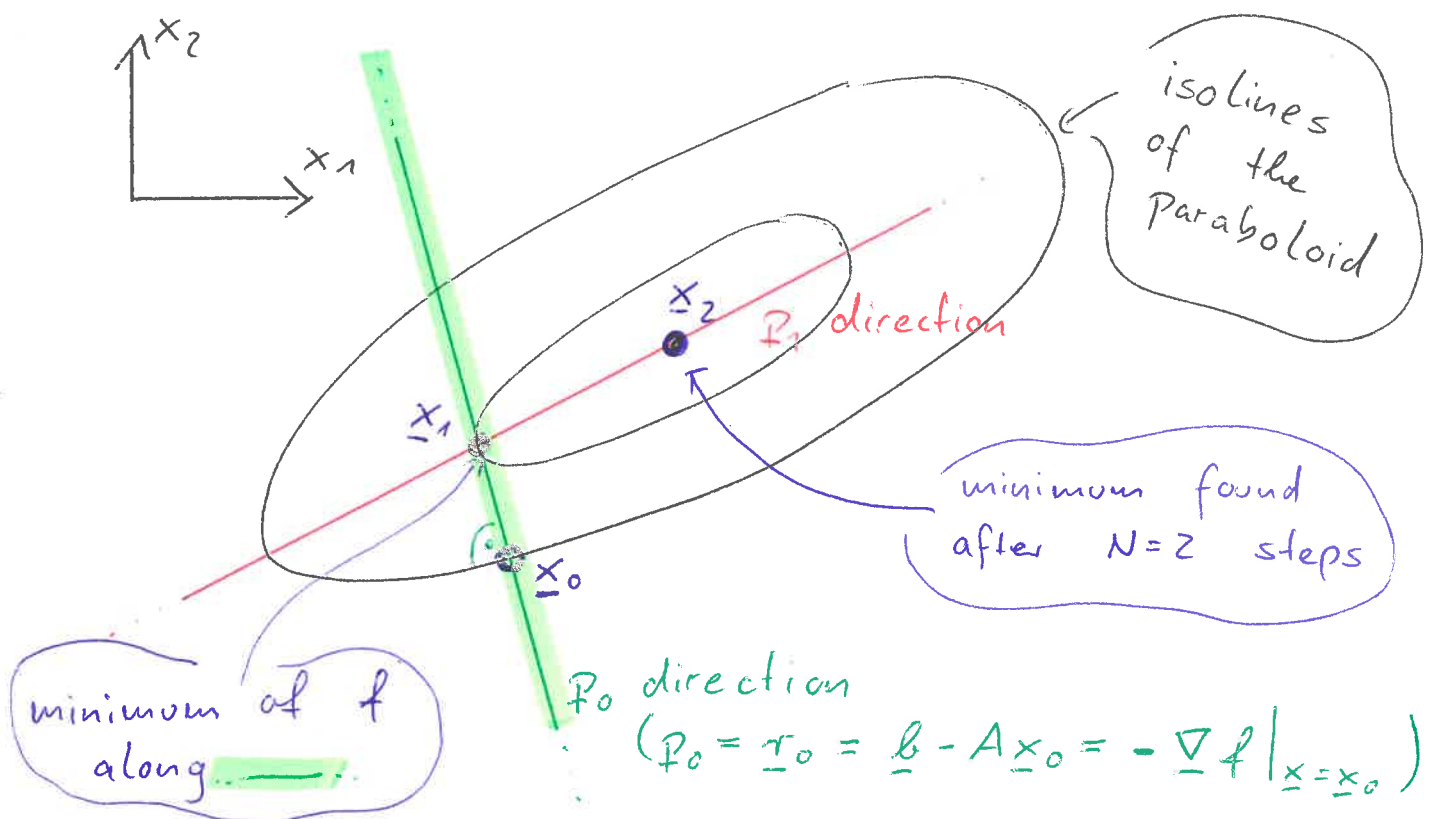


Figure 8. A

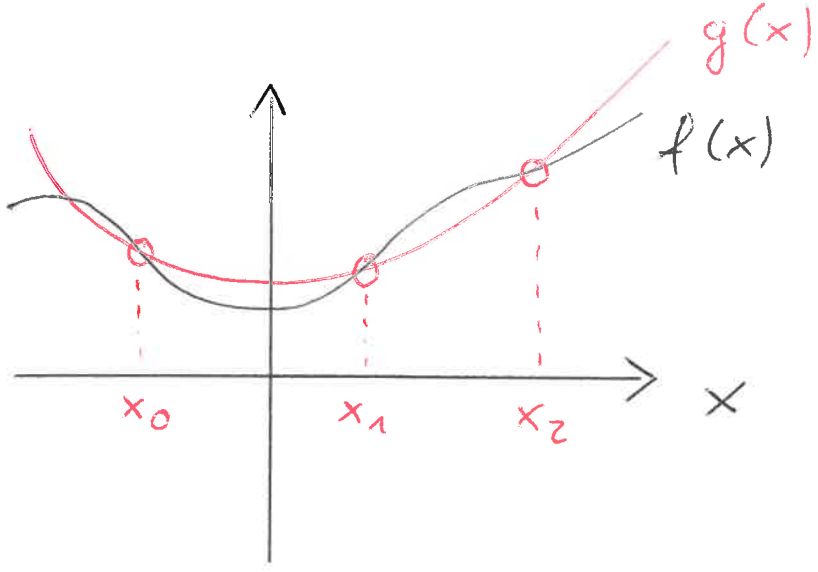
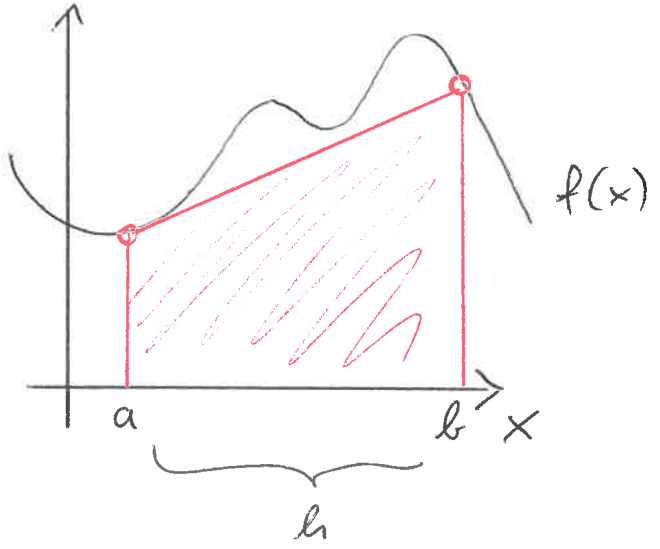
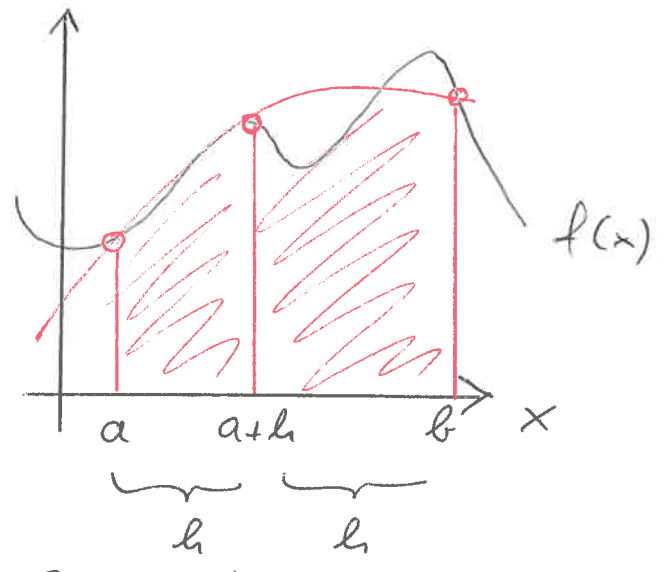


Figure 8. B



trapezoidal rule

Figure 8. C



Simpson's rule

Figure 8.D

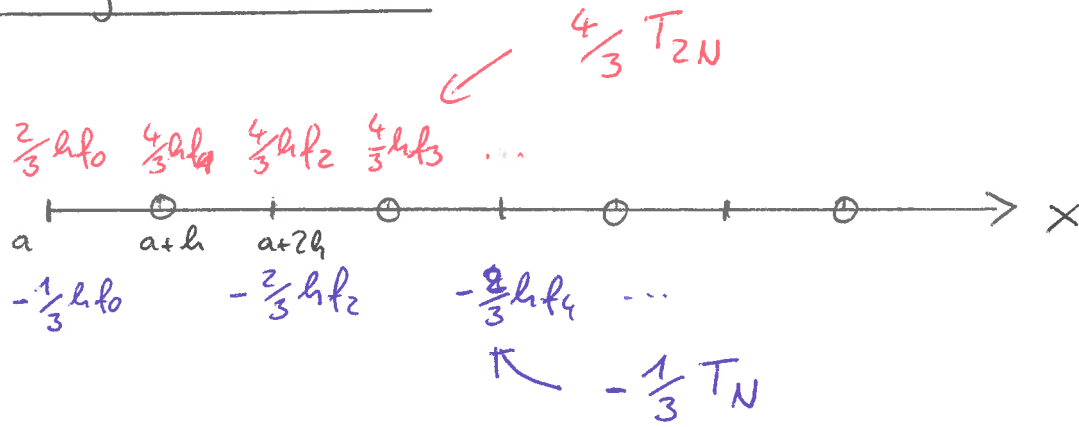


Figure 8.E

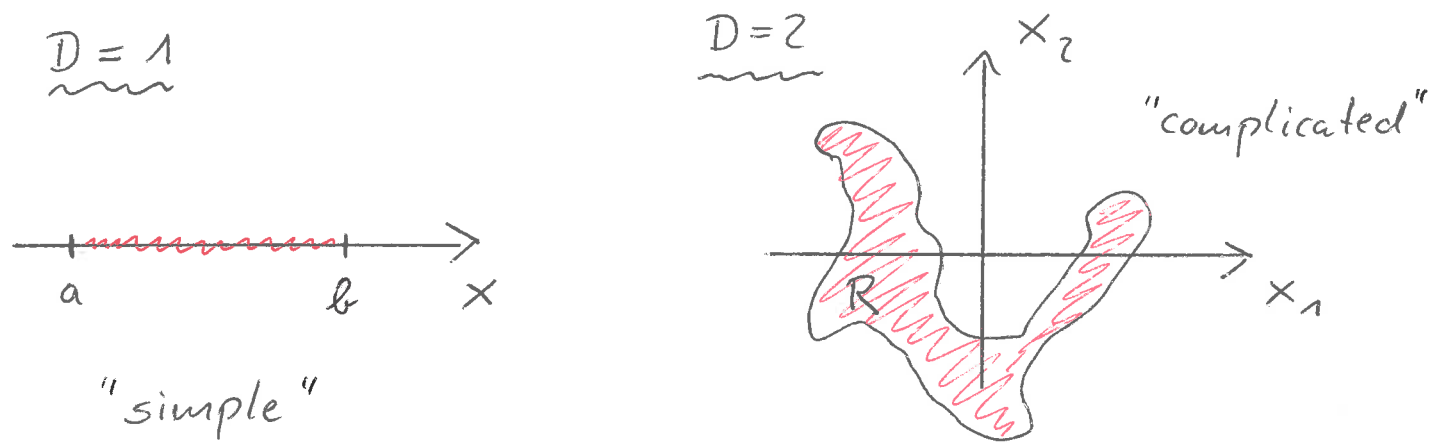


Figure 8.F

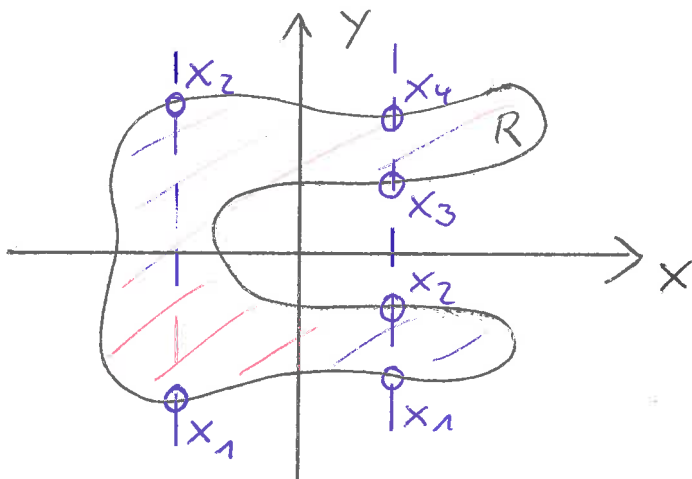


Figure 8.6

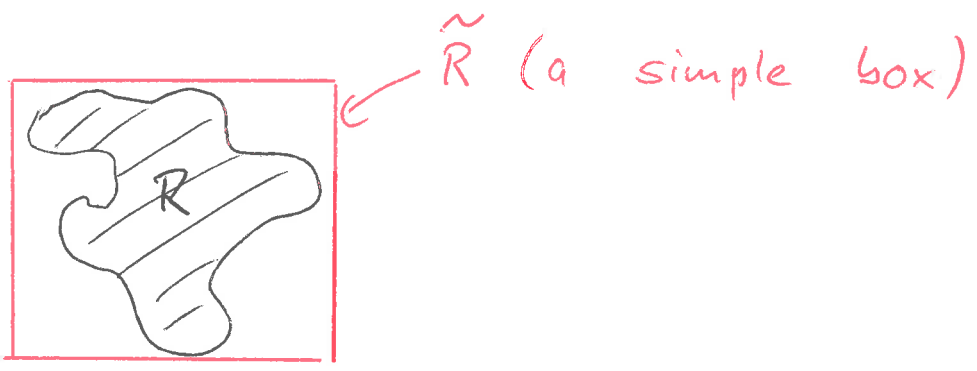


Figure 9. A





Figure 10.A

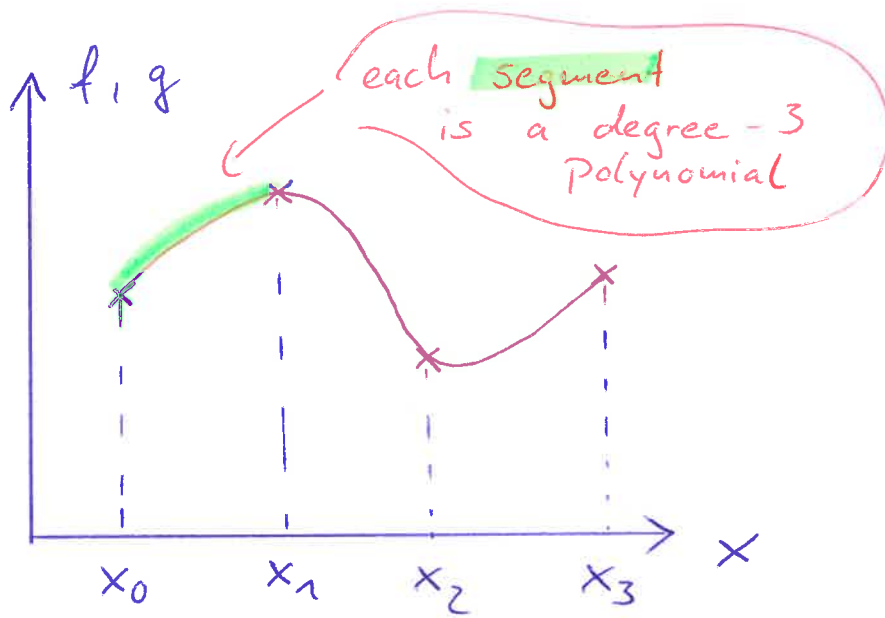


Figure 11.A

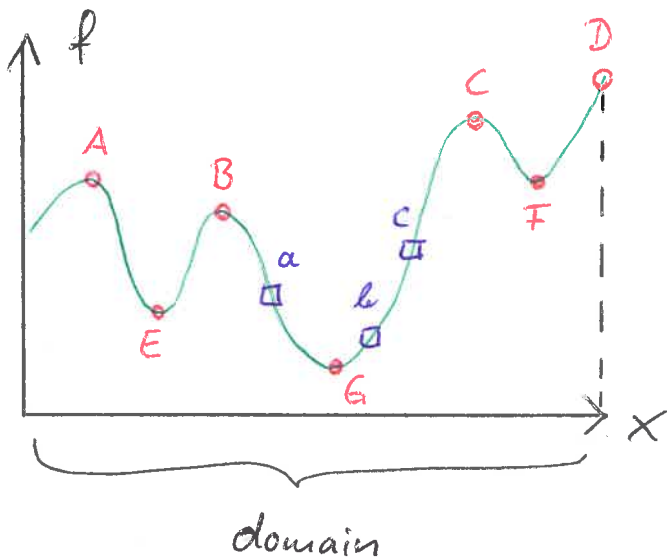


Figure 11.B

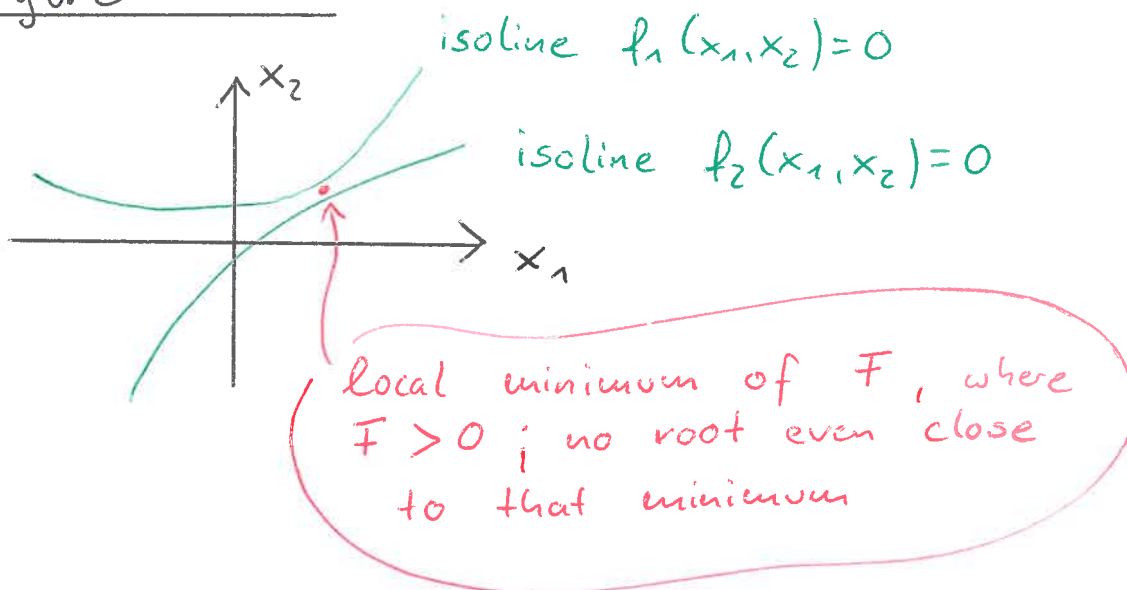


Figure 11.C

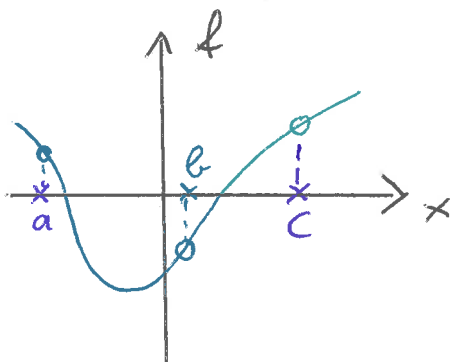


Figure 11.D

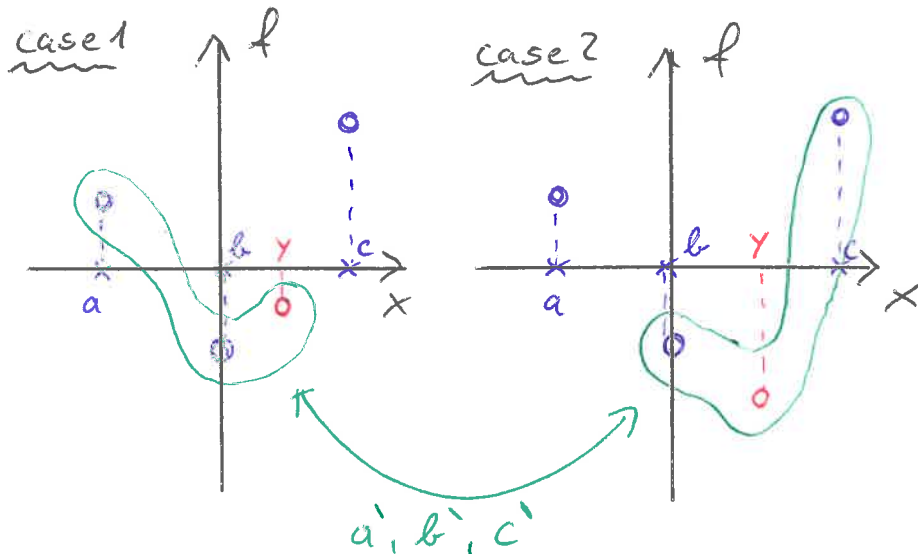


Figure 11.E

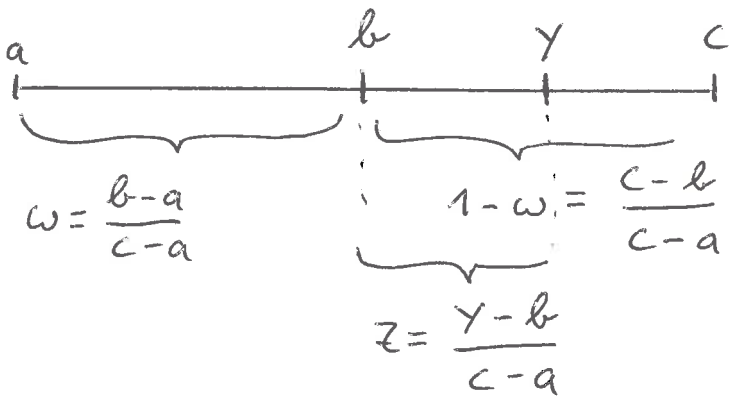


Figure 11.F

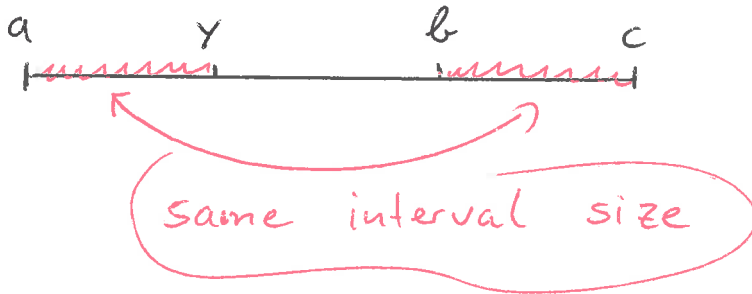
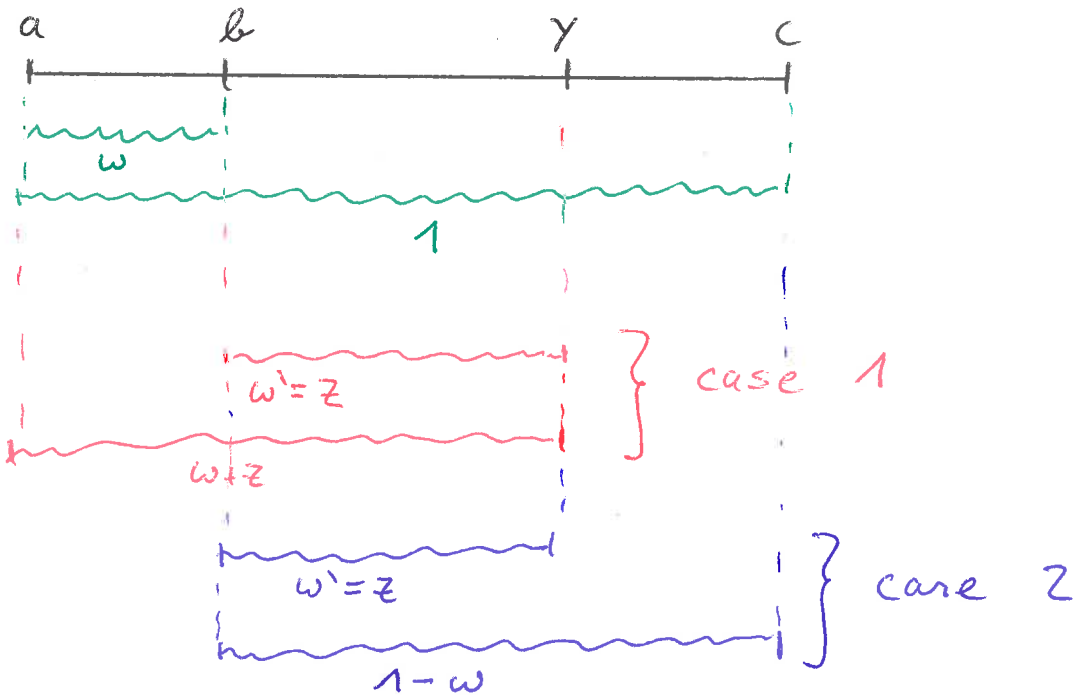
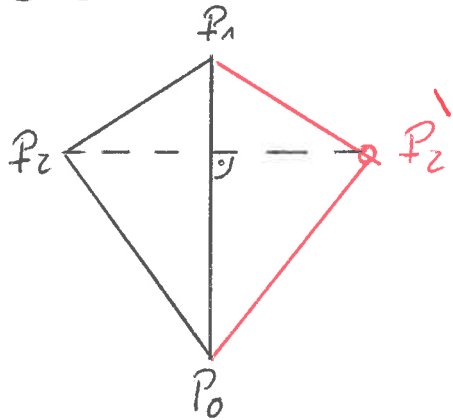


Figure 11.G

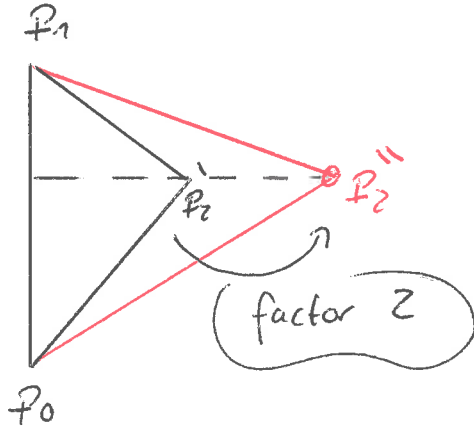


# Figure 11.4

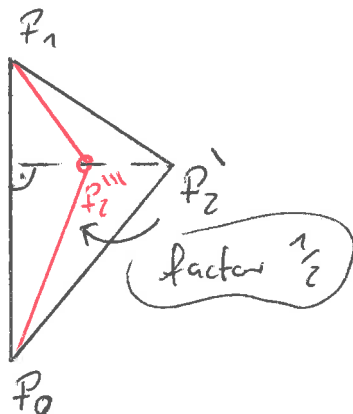
Step 1: reflection



Step 2: expansion



Step 3: contraction



Step 4: multiple contraction

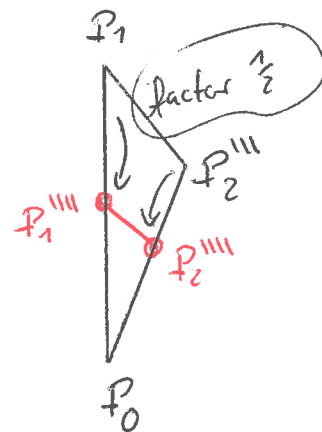
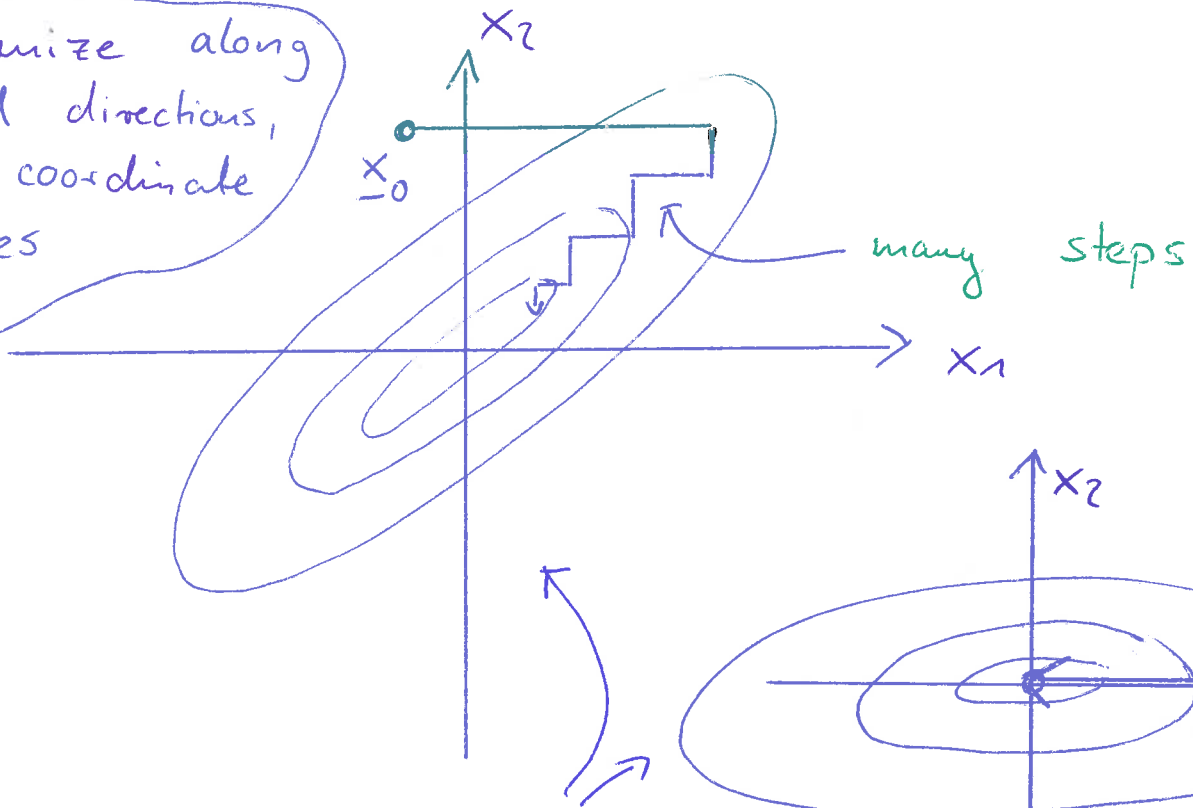


Figure 11. I

minimize along fixed directions, e.g. coordinate axes



for high quality figures cf. "Numerical recipes", Figure 10.7.1, 10.8.1

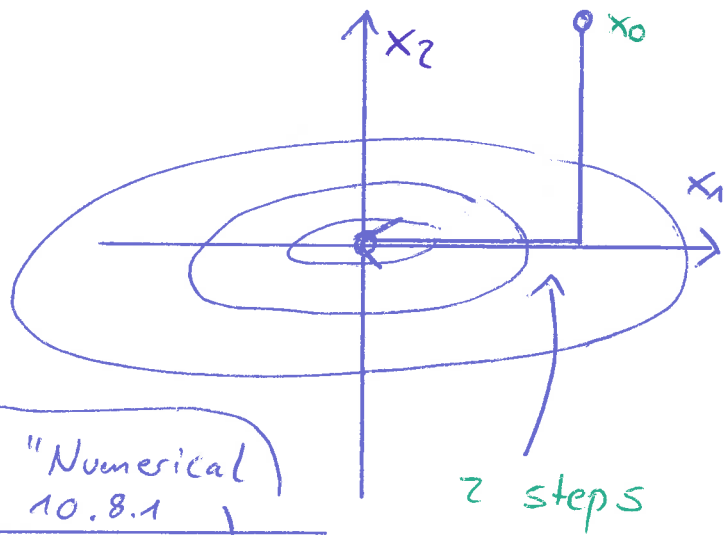


Figure 11. J

minimize along steepest descent

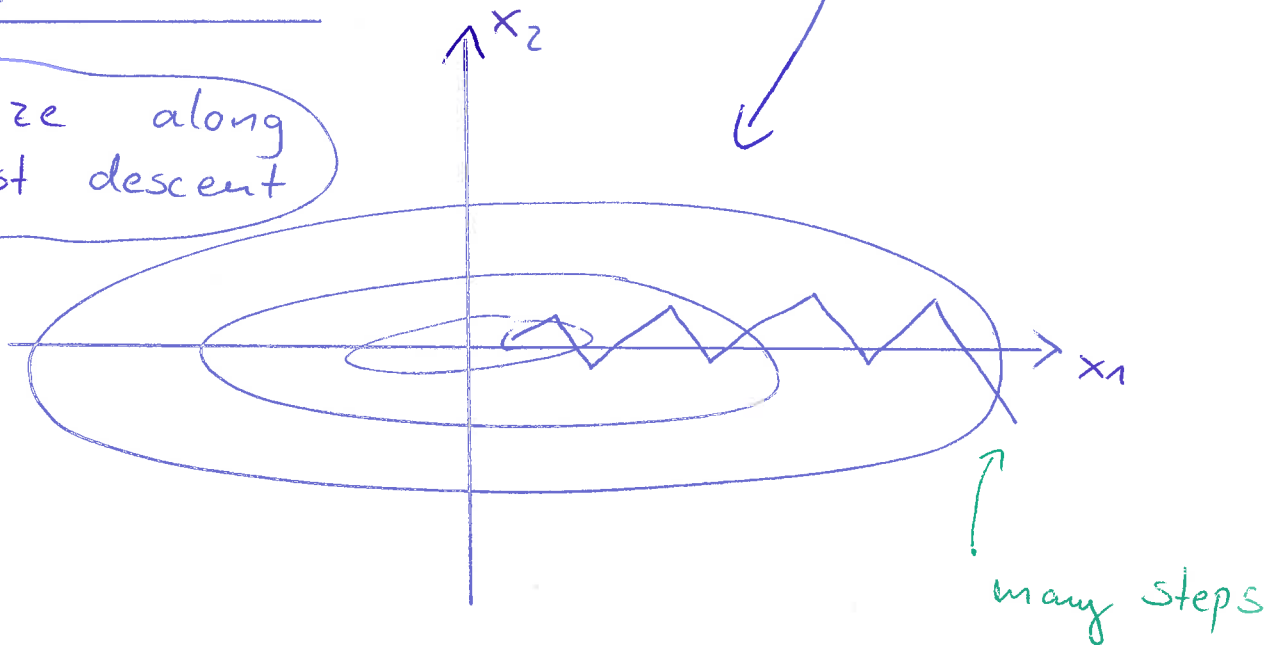
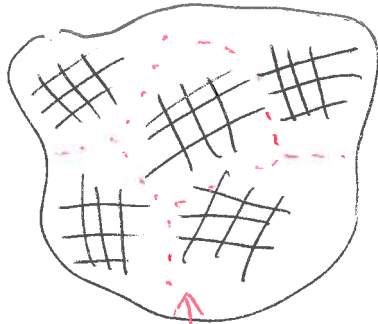


Figure 11.K

fast cooling



↑  
fragile

slow cooling

