	type:			
	colab or	similar		
homework	handwritten	exercise		
ex.3.1.1.b2c	handwritten	ex.3.1.1.a	ex.3.1.1.a PDF solution	https://langou.github.io/4650/3.1/exercise ex 3 1 01 a sauer3/exercise ex 3 1 01 a sauer3 sol langou.pdf
			ex.3.1.1.a colab helper	https://colab.research.google.com/drive/1PTbCPu8PGH-2AtLUg6vfdEgAJ_aKTOrt
ex.3.1.2.b2c	handwritten	ex.3.1.2.a	ex.3.1.2.a PDF solution	https://langou.github.io/4650/3.1/exercise ex 3 1 02 a sauer3/exercise ex 3 1 02 a sauer3 sol langou.pdf
			ex.3.1.2.a colab helper	https://colab.research.google.com/drive/1BTq_0lcW6zc7cmCuzNj3DkOWypQbsS6W_
ex.3.1.4	handwritten	ex.3.1.5	ex.3.1.5 PDF solution	https://langou.github.io/4650/3.1/exercise ex 3 1 05 sauer3/exercise ex 3 1 05 sauer3 sol langou.pdf
ex.3.1.6	handwritten		ex.3.1.5 colab helper	https://colab.research.google.com/drive/1PdkL7 0yW7CCBqj22YIVIGc2GwQDbsWh
x.3.1.8	handwritten	ex.3.1.7	ex.3.1.7 PDF solution	https://langou.github.io/4650/3.1/exercise ex 3 1 07 sauer3/exercise ex 3 1 07 sauer3 sol langou.pdf
x.3.1.10	handwritten		ex.3.1.7 colab helper	https://colab.research.google.com/drive/1Uswdel4EIsmdtlilbX06L-6 AVDelJYu
ex.3.1.18	colab	ex.3.1.17	ex.3.1.17 COLAB solution	https://colab.research.google.com/drive/18ib4wsRwTsUqVwA6LxgIReG2Dc18pAO2
			ex.3.1.17 PDF helper	https://langou.github.io/4650/3.1/exercise ex 3 1 17 sauer3/exercise ex 3 1 17 sauer3 sol langou.pdf
p.3.1.4	colab	example 3.7	example 3.7 colab solution	https://colab.research.google.com/drive/1FMrOO5abHOOflUS6bgAUJjiRt1Xa-grE
ex.3.2.2	handwritten	ex.3.2.1	ex.3.2.1 PDF solution	https://langou.github.io/4650/3.2/exercise ex 3 2 01 sauer3/exercise ex 3 2 01 sauer3 sol langou.pdf
			ex.3.2.1 colab helper	https://colab.research.google.com/drive/1ZT7KFrkVfyInVCN9uXj-35JVXkNJ8yEL
			P	