Scientific Diary

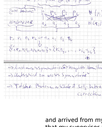
Tübingen, 2. Juli 2019

Introduction:

problem (re-)arises:
first time that I write, after a period of thinking about it. The problem was not new, but it did not have priority for a longer while

real question cristalizes:

Tübingen, 5. Juli 2019



the despair - that probably had made me start writing in the diary - now manifests

hopeless recapitulation of the problem posing questions

Late in the evening on my couch,
the butt of the joint was still smoking lightly

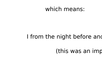
this will be the key idea of the final solution of the problem later, but I do not realize this here

(partial) answer to some questions form the morning

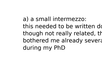
something clears up here ... but for the moment

(I meant for this night)

but it wasn't finished apparently:



believe me, this doesn't make sense to me either



However, it seems that then, I inferred (hallucinated?) something from it

and arrived from my new point of view at a conclusion,
that my supervisor also had told me once before

After Morning

said ... done:

thus, we know:

which means:

I from the night before and my supervisors were ... you name it:
WRONG
(this was an important step for the process)

10.07.2019

I spent some days reading some new and old literature,
which inspired:

a) a small intermezzo:
this needed to be written down,
though not really related, this
bothered me already several times
during my PhD

and b) a different way to
look on the problem in terms of

Let's start at the beginning

transfer it to our problem

and ...
it becomes a bit ehh cryptic*

* see also appendix A,
10 pages, typed

somehow it semmed like I found something out,
but I don't really understand, what ...

this connection formula will play a role

I conclude with some last "insights"

(this statement is as significant as
something a la "now I know it: 1 + 1 = 2")

Then I am off for about 2 month or so..

I came back and told my supervisors
of my thoughts about the problem, but
it was not really possible to give it priority
in this late August. I had to start writing
my PhD thesis

[no date, but I know it was in September]
The psychological stress induced in me a
strange kind of humor

Well I needed it
in this time ...

blablabla

blablabla

I start writing, when I am in Tuscany

I remember my thoughts from July
and the still ongoing discussions with my supervisor

in short:
in September, we had an idea to attack the problem,
triggered by the thesis introduction.
I started again working on it
I had to define the problem,
work out the corresponding equations,
-no time for too many cross checks -
my weakness, sorry Iris,
and test it at a simple example
for that, I had to understand
a code of a colleague that already
did most of what I needed
the first tries worked perfectly
and gave me some confidence

ok, this was long

...

2 month and 30 typed pages later

Nuertingen, 28. Oktober 2019

NOT AGAIN!!!!!