

data 100000

file

PK

entry

data

PK entry
UNIQUE file

a

b

c

α

β

γ

vol

$$\text{vol} = f(a, b, c, \alpha, \beta, \gamma)$$

mol

$$\text{mol} = g(\text{formula})$$

~~(formula)~~

~~pdf~~

sg

sg-id; FK

~~(text)~~

comp^{acid}-id

FK

release-date

temperature

pressure

compound

id

PK

IUPAC name

SMILES

elements

element id

name

symbol

At

FK

compound_id

name

Type mineral

18

C2

C121

18

C2

A121

Data Author

data-id
authorid

publication

PK	id
	Title
	journal-id
	date
	year
	vol
	iss
	pg-first
	pg-last

journal
id
full name
ISSN

journal-abbrev
id
abbr.
ed.

FK

Publ Author

1	← 100	PK	publ-id-optional
			Name
			Surname
			initial = f(Name)
			von-prefix
			affiliation
			data-id

Institution

PK	id
	Name
	Country
	Address
	Phone
	Web site
	e-mail

Web Accesses

FK	id
	Type: (DOI, URL, URLN, CASE...)
	Value:

Country

Country
Name
ISO Code

data

Maintainer

Pk	id
	Name
	Surname
	nic
	e-mail
	passwd

Session

fk	id
	maintainer_id
	start-date
	expiry-date
	end-date
	session_name

UNIQUE

Files

filename
session_id
hold? (date)
errors? ??
id

Datablocks

FK	COD Nr. 8007152
	file_id
	errors? ??

unique

Alter.

data

~~entry pk/unique~~

file UNIQUE

a

b

c

d

U3

8

vol

ucl

→ formula

'C₂H₆O'

Title

Journal

year

volume

issue

firstpg

lastpg

→ Authors

'F. Last; L, F; F von L'

trivnames

'glycerol; glycerin'

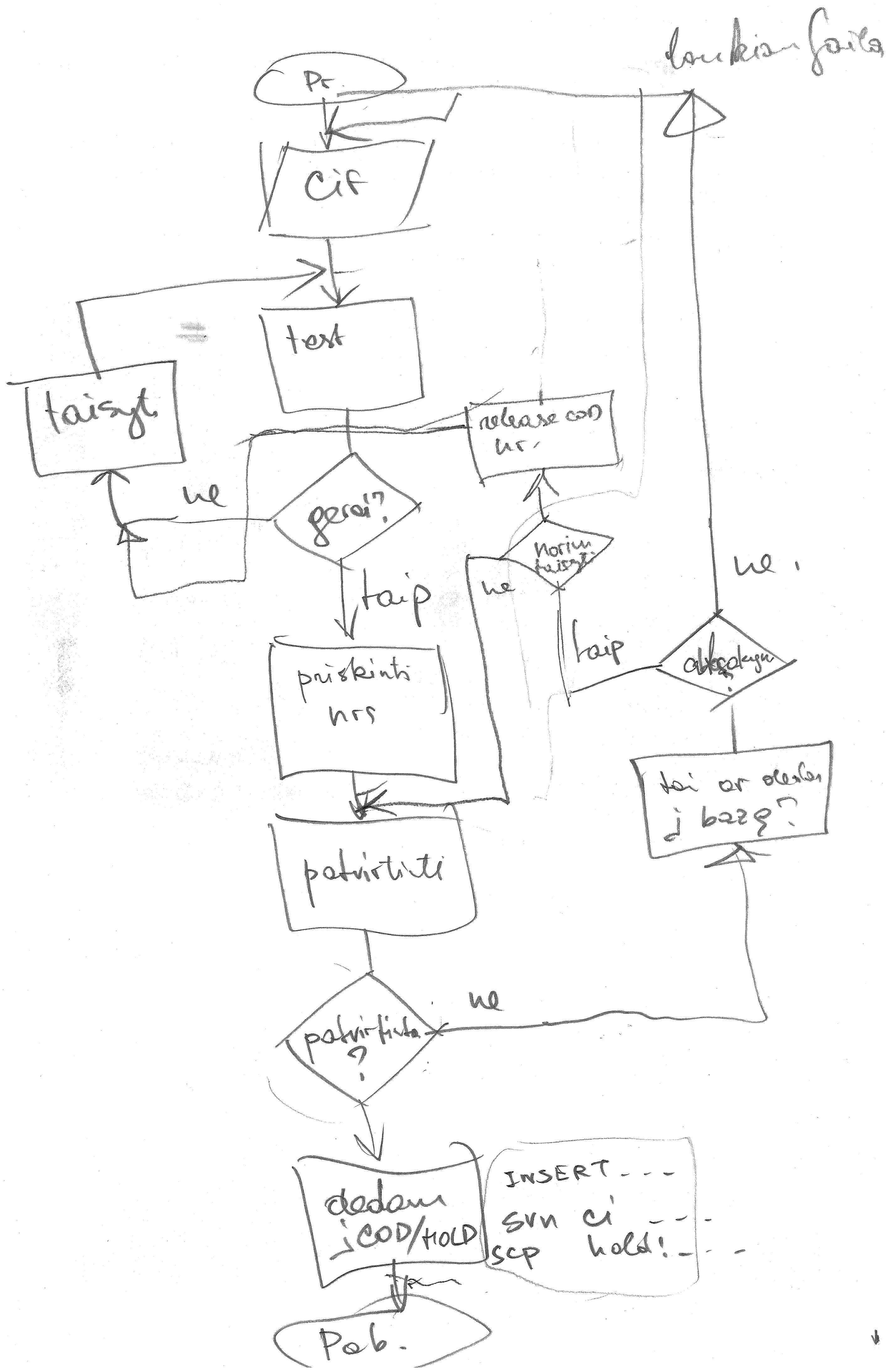
iupac

mineral

smiles

moltwt

Title



1) Autorius ← !

2) Affiliations ← !

Struct Authors

Yu.

A

Name
401
Name

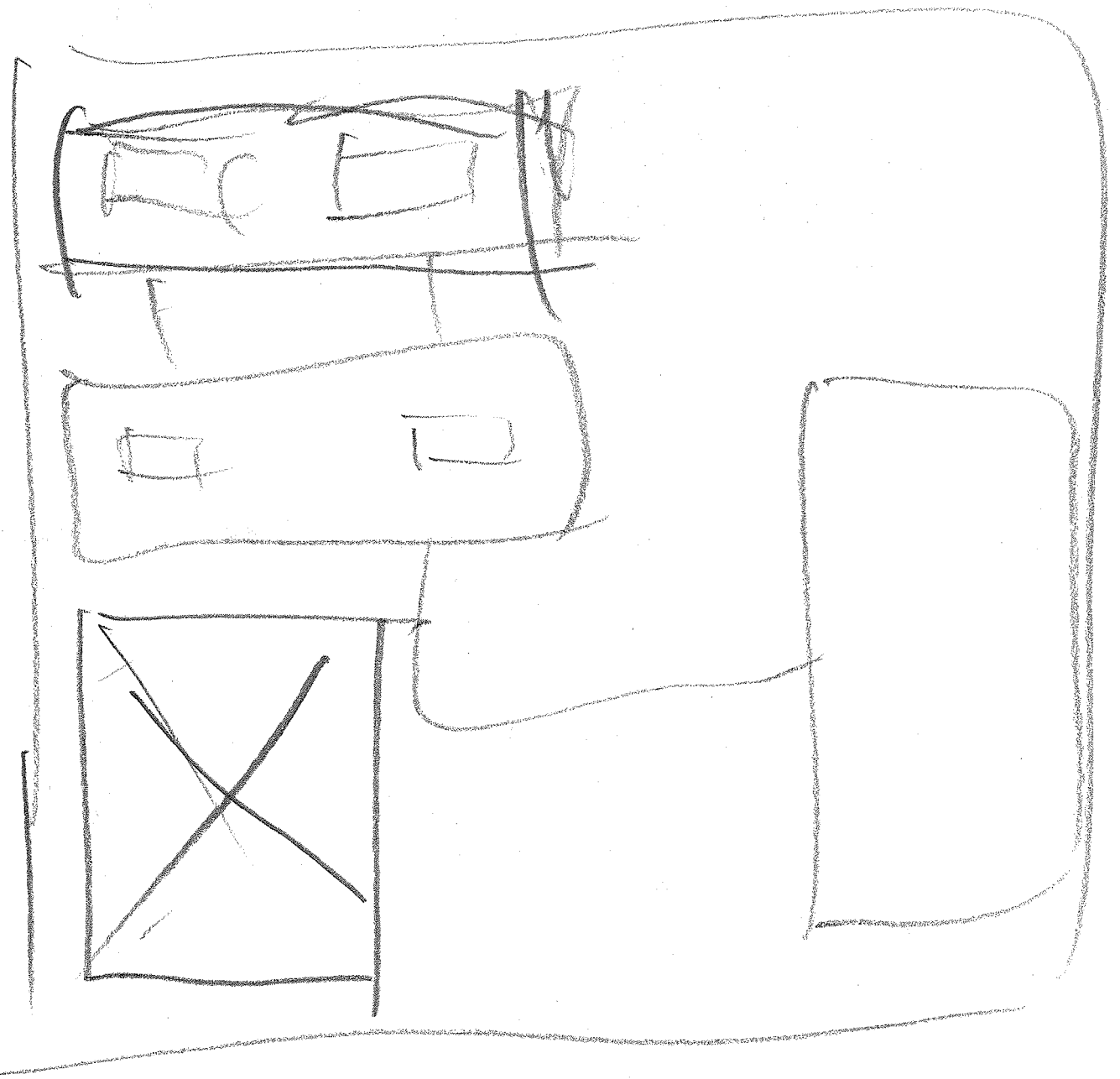
Names

CIF

~~A₁~~
~~A₂~~
~~A₃~~

publ

d-1	
d-2	
d-3	



i18u

116y
110m

SAULUS

GRAZULIS

GRABULIS