

→ Parallelize the simulations ⇒ On the server

↳ Minn carb approach → Extract the distribution of

effluents

Synthetic tailings

- permeability
- spatial distributions
- porosity distribution

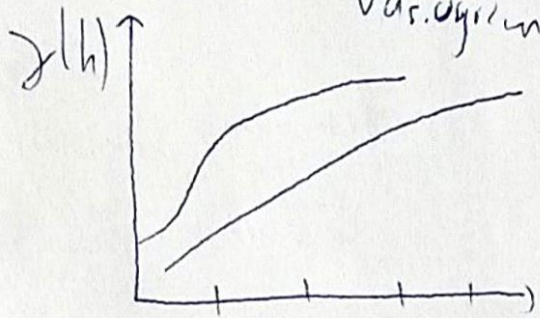
How to make 1000 variations?

(1) ↳ randomizer from current data

(2) Distributions

VARIOGRAM

Var.ogram



$$\gamma(h) = \Sigma$$

$$\text{distance } h = |\vec{x}_i - \vec{x}_j|$$

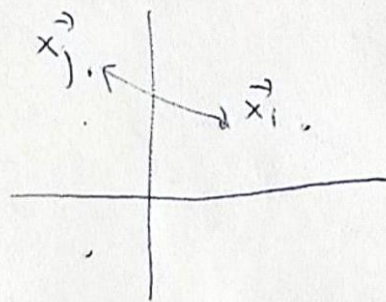
- Pyrite
- sphalerite
- Galena
- Quartz

Variogram



hard data,
out of the data
interpolation
of the whole
ore bodies

(100 points → 20)



→ Find the points of sampling

1st week PARALLELIZATION

↳ Understand what

Sengul's doing
(see his simulation)
intermediate

2nd week

↳ Markus HSC

→ Simplify the problem → random vertical section

