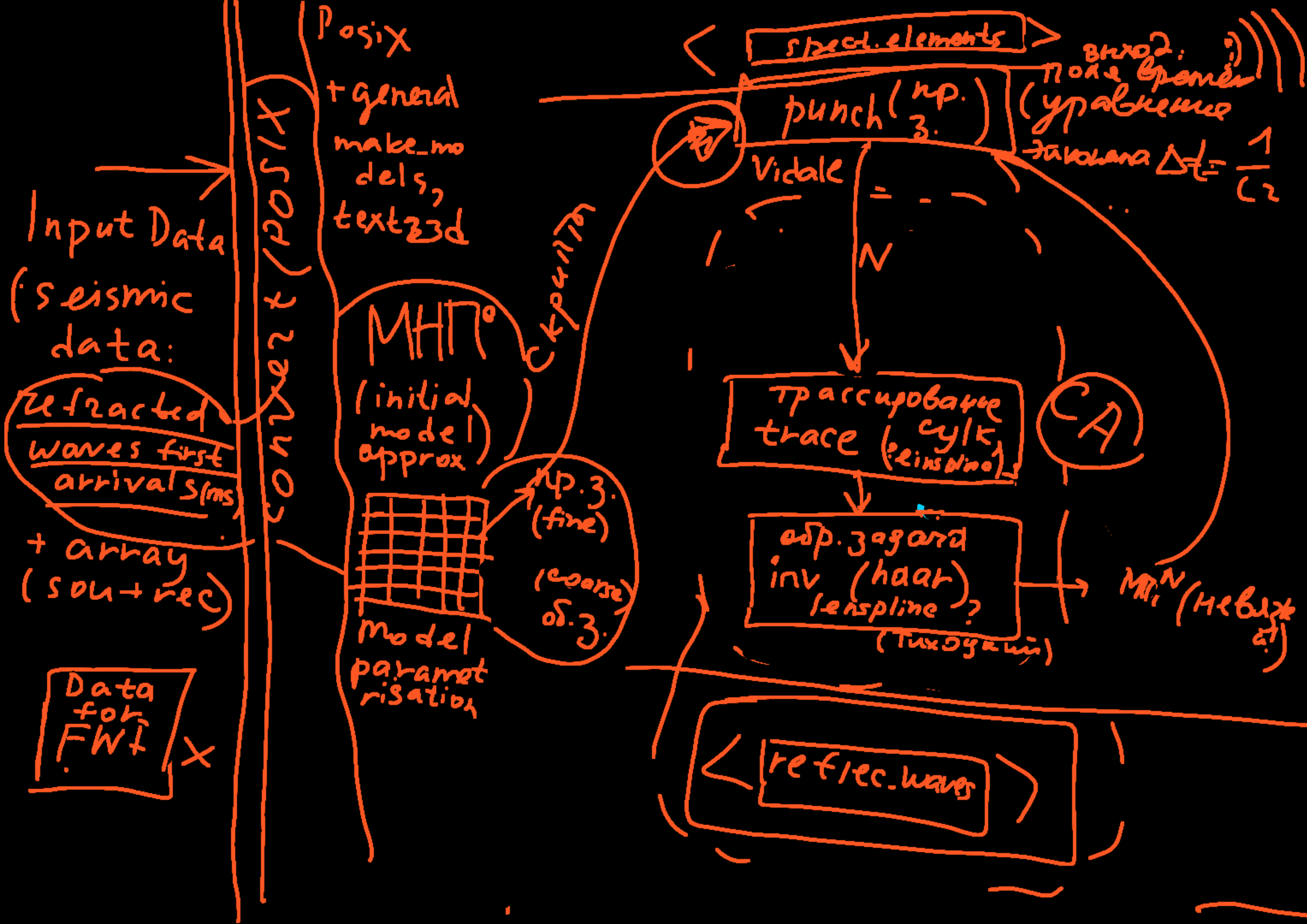
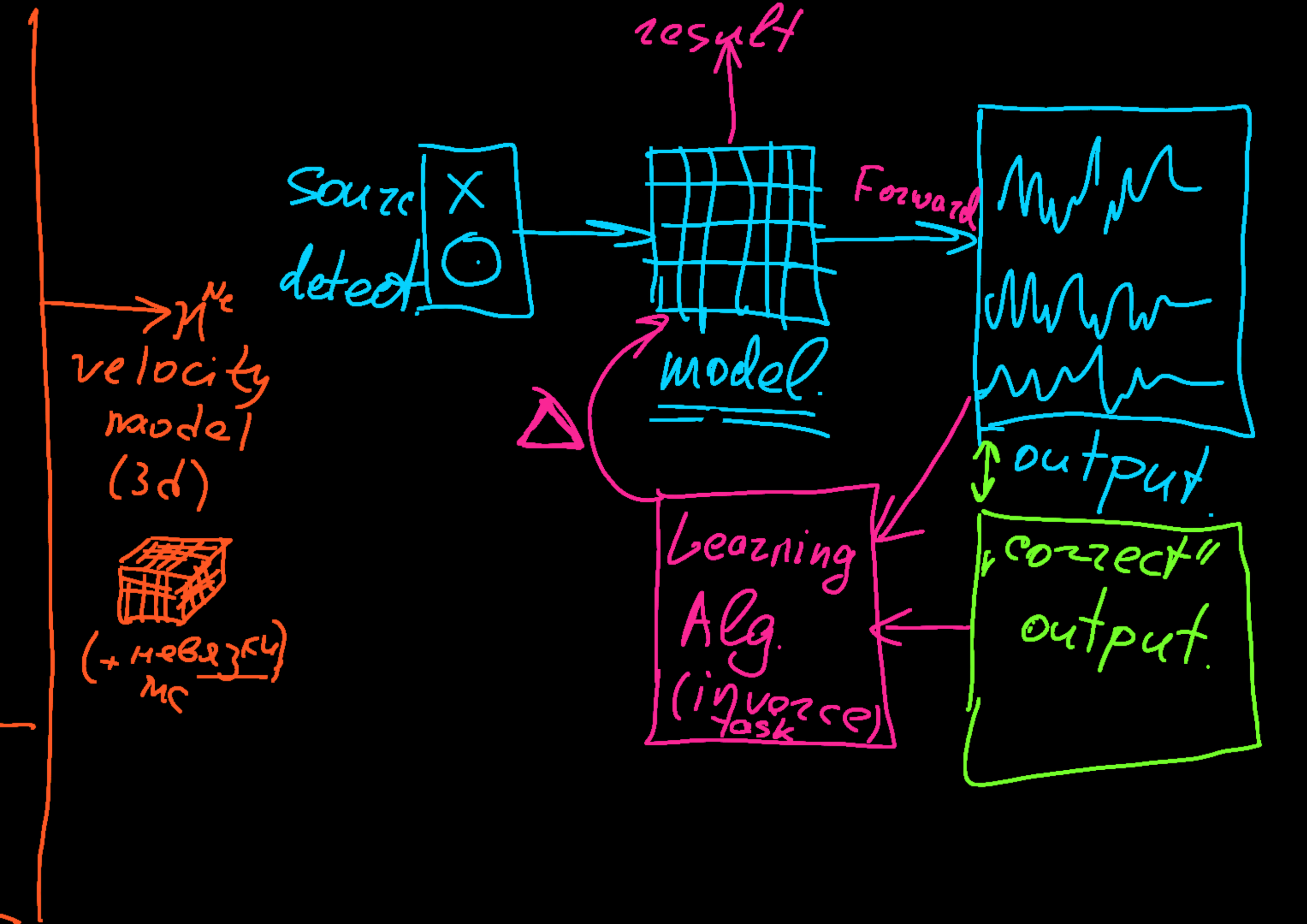
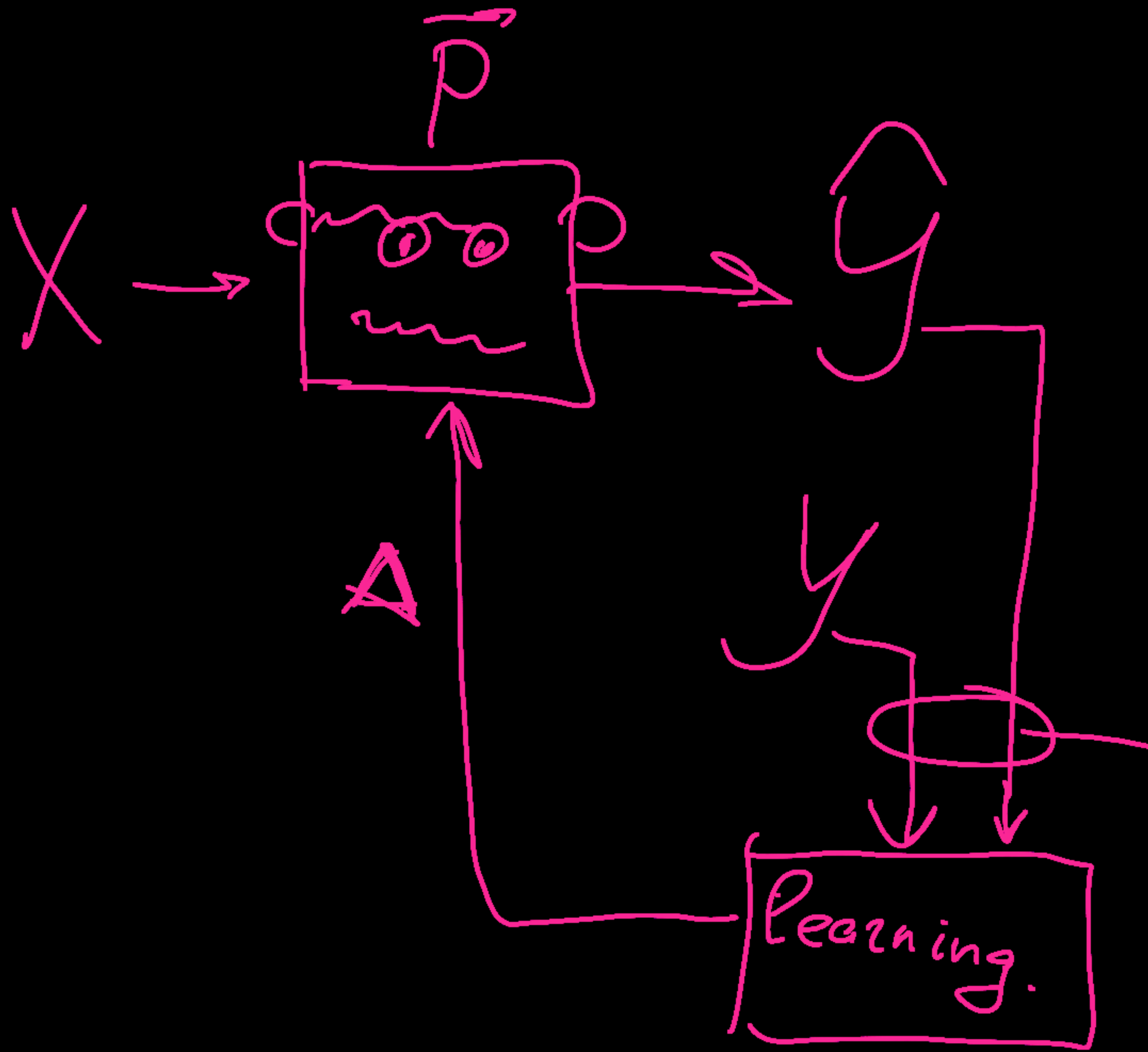

Input Data
(seismic data:
refracted waves first arrivals (ms)
+ array (sou+rec)
Data for FWI
convert (posix)
Posix
+ general
make_models,
text2d
МНП°
(initial model approx)
Model parametrisation
np.з. (fine)
(coarse) об.з.
скрипты
spect.elements
punch (np. з.)
Vidale
N
трассирование
trace (cylk, einsplino)
обр.задача
inv (haar)
lenspline ?
(Тихоновский)
CA
выход: поле времён (уравнение эйконала $\Delta t = \frac{1}{c^2}$
M_1^N (невяжка)
reflec.waves


result
source
detect
Forward
model
velocity
model
(3d)
(+ невязки)
MC
output
Learning
Alg.
(inverce task)
„correct"
output


$\vec{p}$
X
g
A
y
Learning.

$$\min_{\vec{p}} \left(F(y, \vec{p}) \right)$$

$$\to F(y, \vec{p})$$