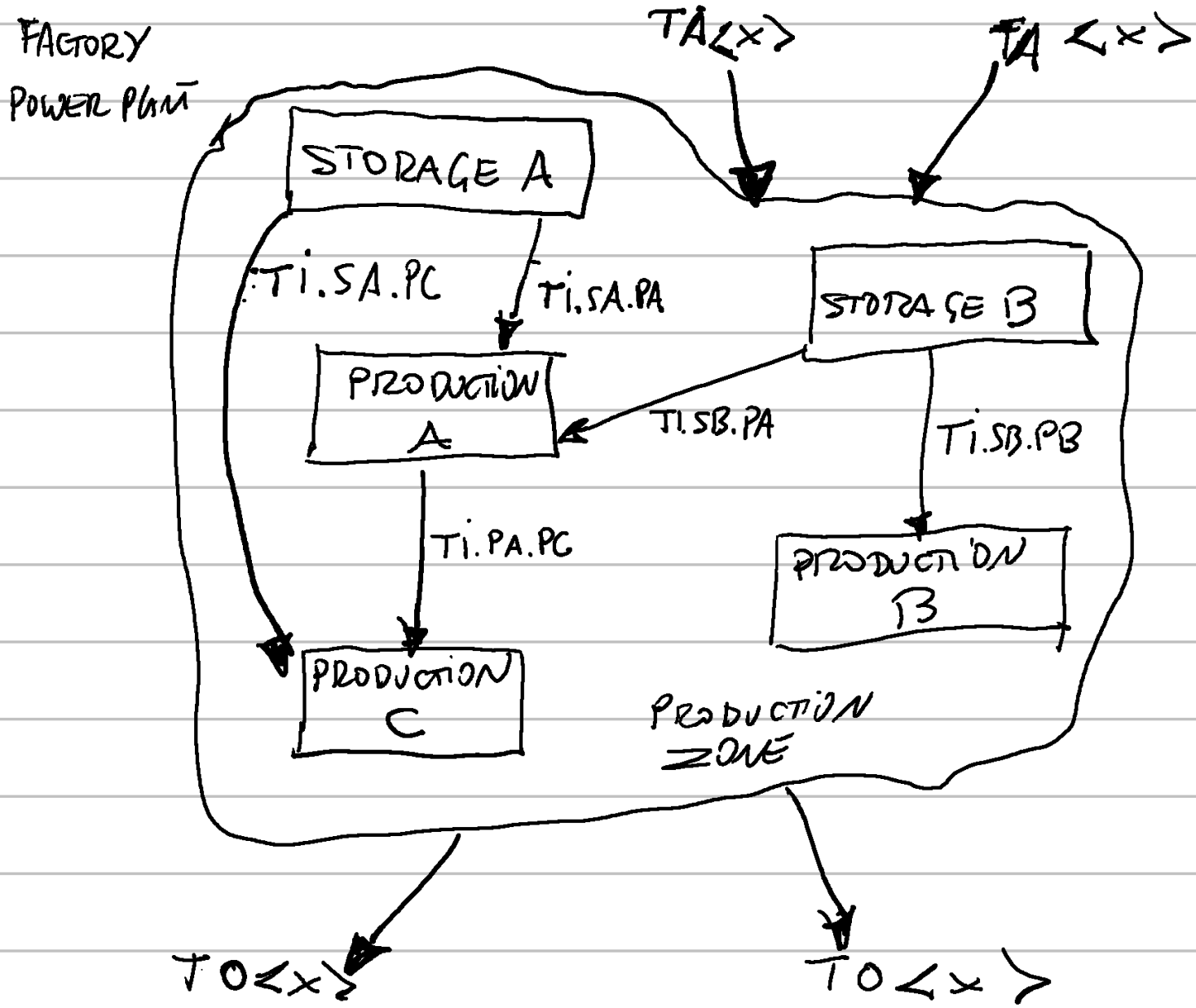
PRODUCTION ZONE MODEL



TA(ITEM): { ITEM: GOODS (0÷1) A
" ENERGY (") B
" HR (") C

TI (ITEM): TO ITEM { ITEM = GOODS (0÷1)
ITEM = ENERGY (0÷1)

A, B : PROVENIENTI DA FACTORY E/O POWER PLANT, STORAGE

C : " DA CITY (POPULATION)

TA : TRANSPORT LINE IN INGRESSO

TO, TI : { GOODS (0÷1)
ENERGY (0÷1)

TO : " USCITA

TI : " INTERNE

A) $TO(ITEM)\langle x\rangle = PROD\_TOT(ITEM) \cdot TO.\ STATUS\ INFRASTRUCT\langle x\rangle$

tutte le $TO\langle x\rangle$ hanno 1 se TOTAL PROD è OK

B) $PROD\_TOT(ITEM) = \dfrac{\sum_x PROD(ITEM)\langle x\rangle}{N} \quad (0 \div 1)$

C) $PROD(ITEM)\langle x\rangle = HR \cdot ENERGY \cdot KP\langle x\rangle \cdot PROD\ STATUS\ INFRA\ STRUCT\langle x\rangle \cdot TI(GOODS)\langle x\rangle$

- GOODS : FACTORY
- ENERGY : POWER PLANT

$PROD(ITEM)\langle x\rangle > 1 \rightarrow 1$

$KS\langle i\rangle$: PESO PER $TI\langle i\rangle$ $\quad (\sum KS\langle i\rangle = 1)$

$INFRASTRUCT\ STATUS_x$: STATUS DELLE INFRASTRUTTURE DI PRODUZIONE $\langle x\rangle$ $\quad (0 \div 1)$

$KP\langle x\rangle$: COEFFICIENTE DI PRODUZIONE $\langle x\rangle$ $\quad (\sum KP\langle x\rangle = 1)$

D) $TI(ITEM)\langle x\rangle := STORAGE(ITEM)\langle x\rangle \cdot STORAGE\ STATUS\ INFRASTRUCT\langle x\rangle \cdot KS\langle x\rangle$
$(0 \div n) \quad (0 \div 1) \quad (0 \div 1)$

E) $TI(ITEM)\langle x\rangle > 1 \rightarrow 1$; $HR = \sum_i TA(HR)\langle i\rangle$ $\quad HR > 1 \rightarrow 1$

F) $ENERGY\ EXT = \sum_i TA(ENERGY)\langle i\rangle \quad (0 \div n)$

G) $ENERGY = ENERGY\ EXT + \sum_i TI(ENERGY)\langle i\rangle$

$ENERGY > 1 \rightarrow 1$

H) $\underset{(0\div1)}{STORAGE\langle X\rangle} \mathrel{+}= \sum_{i}^{N} \underset{(0\div1)}{TAR\langle i\rangle} \cdot \underset{(0\div1)}{RAR\langle i\rangle} \cdot \underset{(0\div1)}{INFRASTRUCT\ STATUS\langle X\rangle}$

I) $STORAGE\langle X\rangle \mathrel{-}= CONSUME$; $CONSUME = 1$

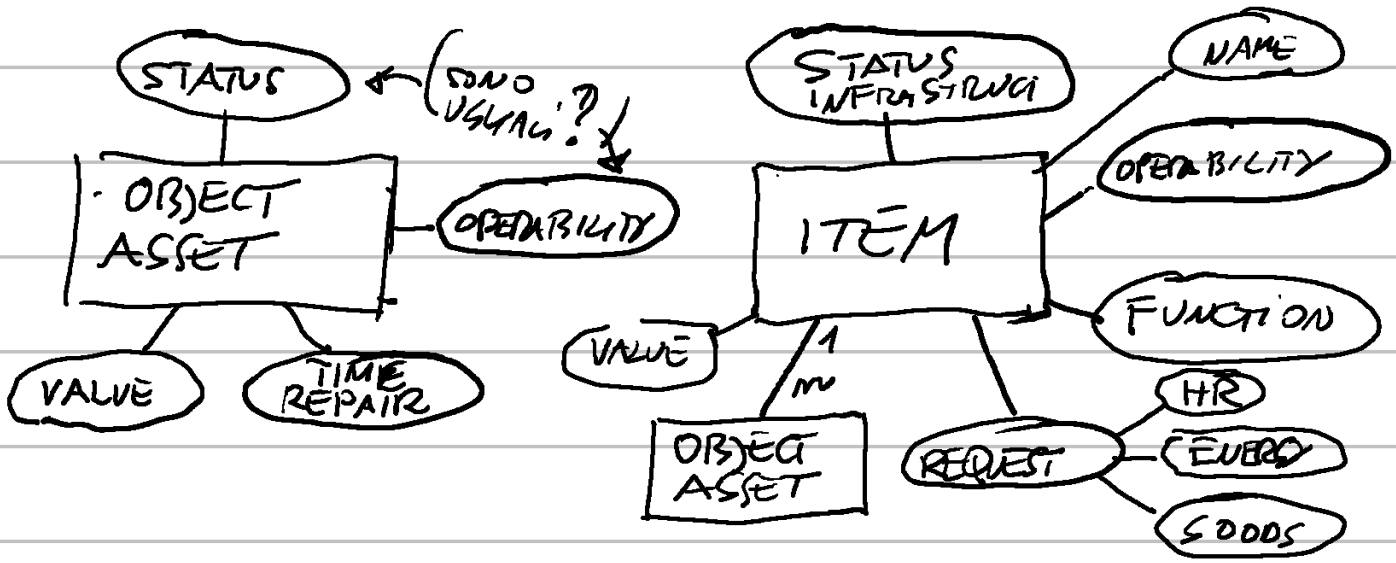
(CONSUME: CONSUMO DI PRODUZIONE)

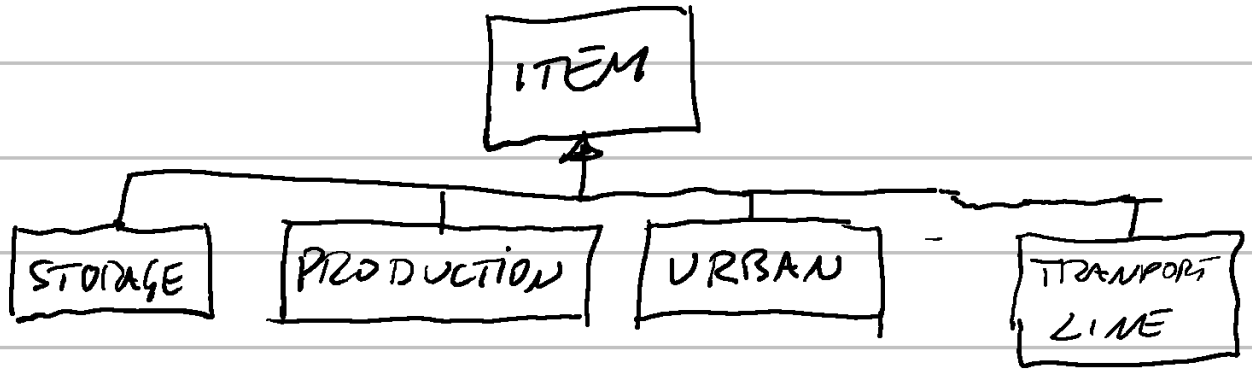
(RAR⟨i⟩: PESO PER TAR⟨i⟩ (0÷1)
INFRASTRUCT STATUS⟨X⟩: STATUS INFRASTRUTTURE STORAGE⟨X⟩) 3)

$STORAGE\langle X\rangle \leq STORAGE\_MAX$

STORAGE⟨X⟩ INCREMENTA MASSIMO DI 1 OGNI CICLO/MISSIONE

STORAGE_MAX = 10
CONSUME = 1
$\Longrightarrow$ 10 CICLI DI AUTONOMIA MASSIMA





PRODUCTION ZONE ITEM :
- STORE
- PRODUCTION
- TRANSPORT LINE TA, TI, TO

URBAN ZONE ITEM:
- STORE
- URBAN AREA
- TRANSPORT LINE TA, TI, TO

MIL ZONE ITEM
- LOGISTIC
- MIL BASE
- TRANSPORT LINE TA, TI

PURE LO JOGLIO IL KINDLE

CIAO A TUTTI RAGAZZI COME STATE?

QUESTO

↳ PORTA

NO

SU

ADESSO → VICINO

FA

OI COMODO PER GLI APPUNTI