

Scanned with CamScanner

III. APPLY STOCHASTIC RULES

EVERY ACTIVE TRAPEK AFTEIZ THE PERCOLATION

PROCESS WILL GET A NEW VALUE FROM FHE SET  $\{\pm 1,4\}$ .  $p_i^{K}(t) = \frac{1}{1+\frac{1}{e^{-2}\Gamma_i^{K}(t)}}$   $T_i^{K}(t) = \frac{1}{N^{K}(t)} \int_{j=1}^{N^{K}(t)} A_{ij}^{K}(j) dj$   $A_{ij}^{K}(t) = A S_{ij}^{K}(t) + a N_{ij}^{K}(t)$ Chris specific trade pair specific  $h_i^{K}(t) = h p_i^{K}(t) \leftarrow \text{trade specific}$ 

\$ 1", 7; , 9" ~ U(-1, 1)

IV. CALCULATE THE NEW PRICE

$$\times (+) = \sum_{k=1}^{N_{el}(+)} \sum_{i=1}^{N'_{el}(+)} N''_{el}(+) G_{i}^{K}(+)$$

$$\longrightarrow \text{ overweight big clusters}$$

V. REPEAT FROM II. WAS UNTIL THE MODEL IS IN

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$$e^{\gamma(4)} = \frac{P(4+A)}{P(4)}$$

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$$f = \frac{$$

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V (+)= x (++1)