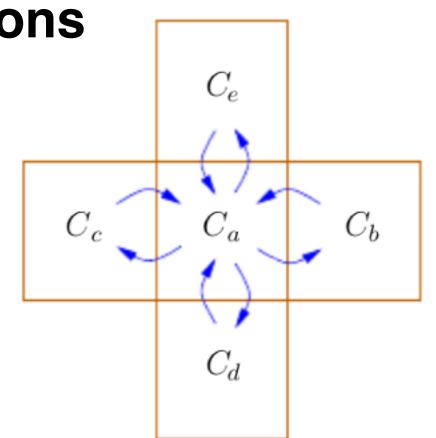
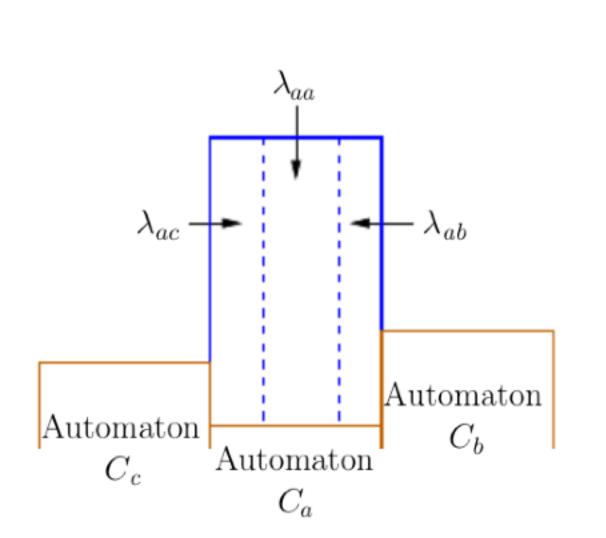
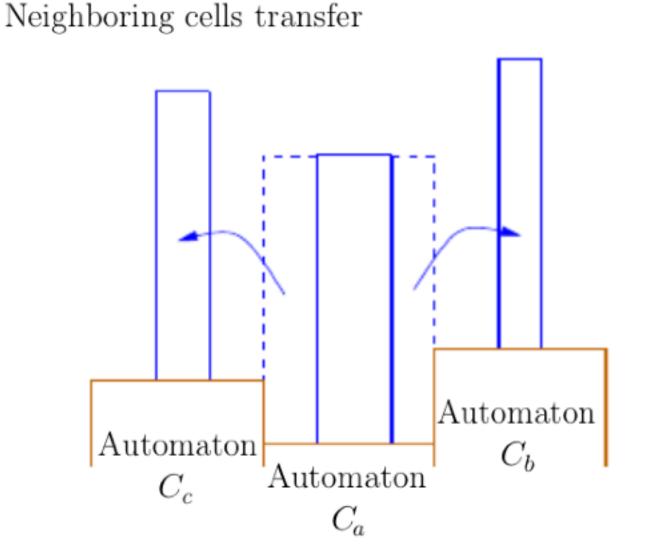
Alternative modelling approaches

cellular automata models - hydrodynamic applications

- Rule based deterministic model
- Each cell evolves through time according to very simple rules based on contents of neighbouring cells







 $\begin{array}{c} Automaton \\ C_c \end{array}$

Collapse of the transfered column

Fig. 2 – Matter and energy exchange between neighbors. Distribution of λ_{ij} that minimizes the work of gravity.

School of Geosciences

Alternative modelling approaches

cellular automata models - hydrodynamic applications

