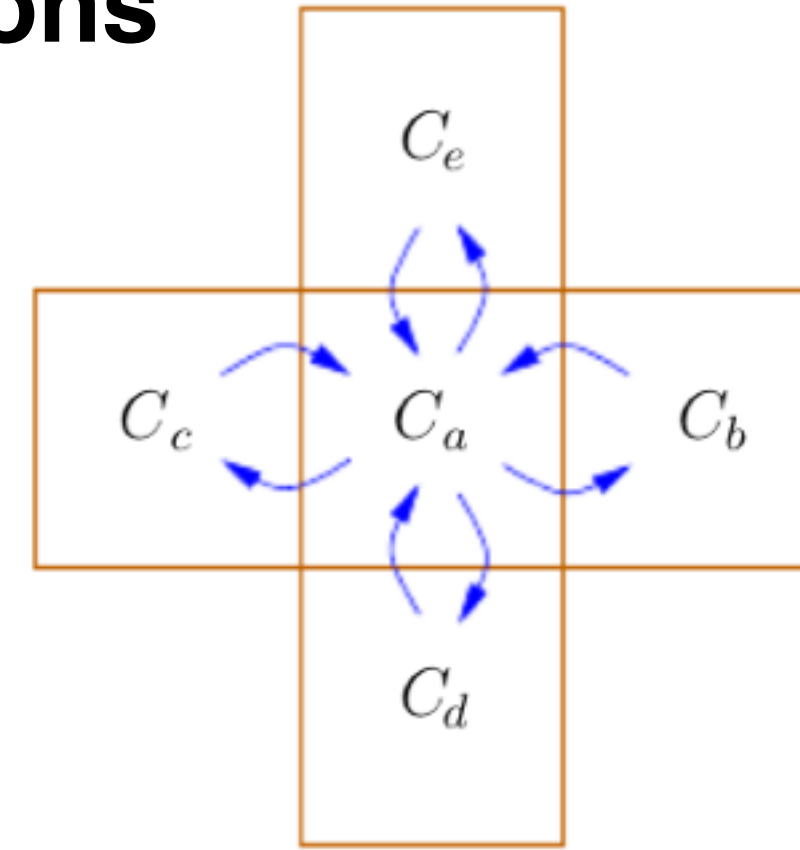


Alternative modelling approaches

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



Neighboring cells transfer

Collapse of the transferred column

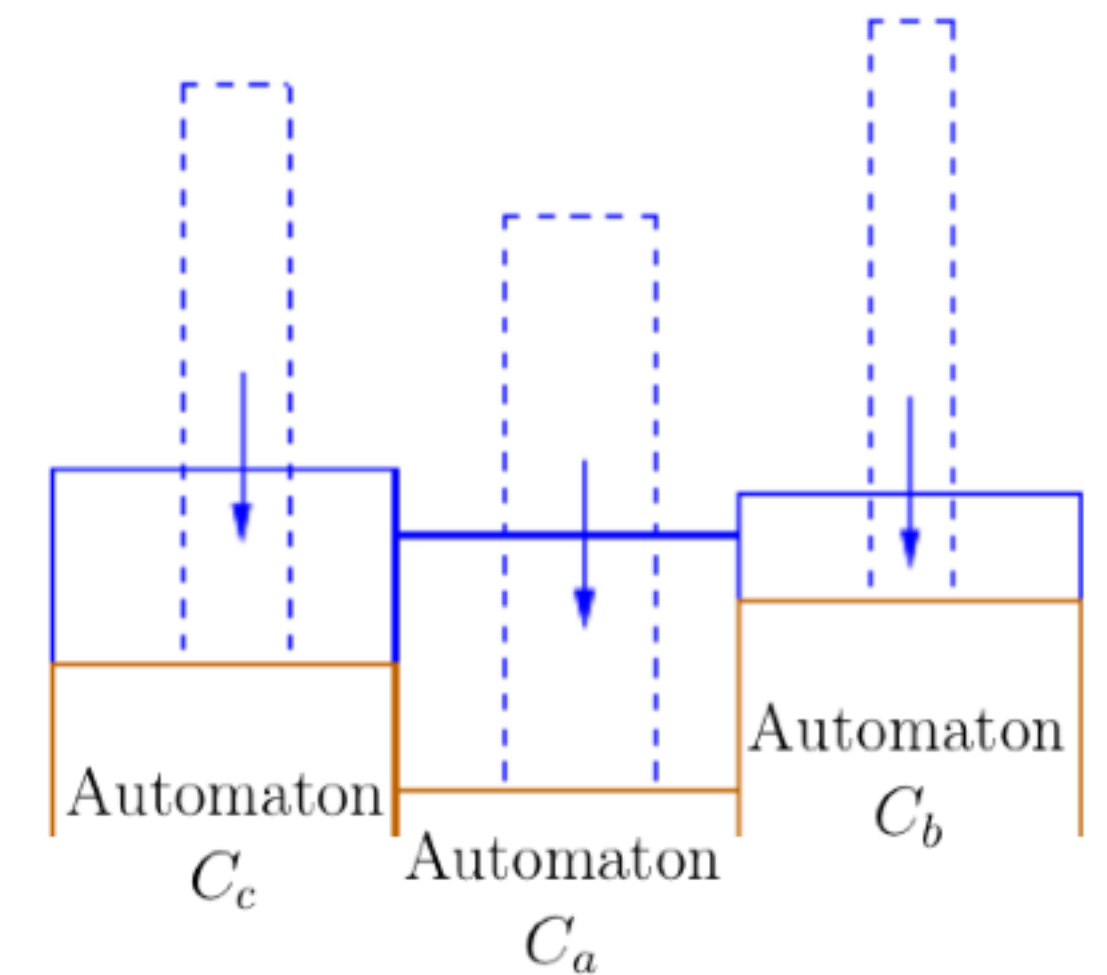
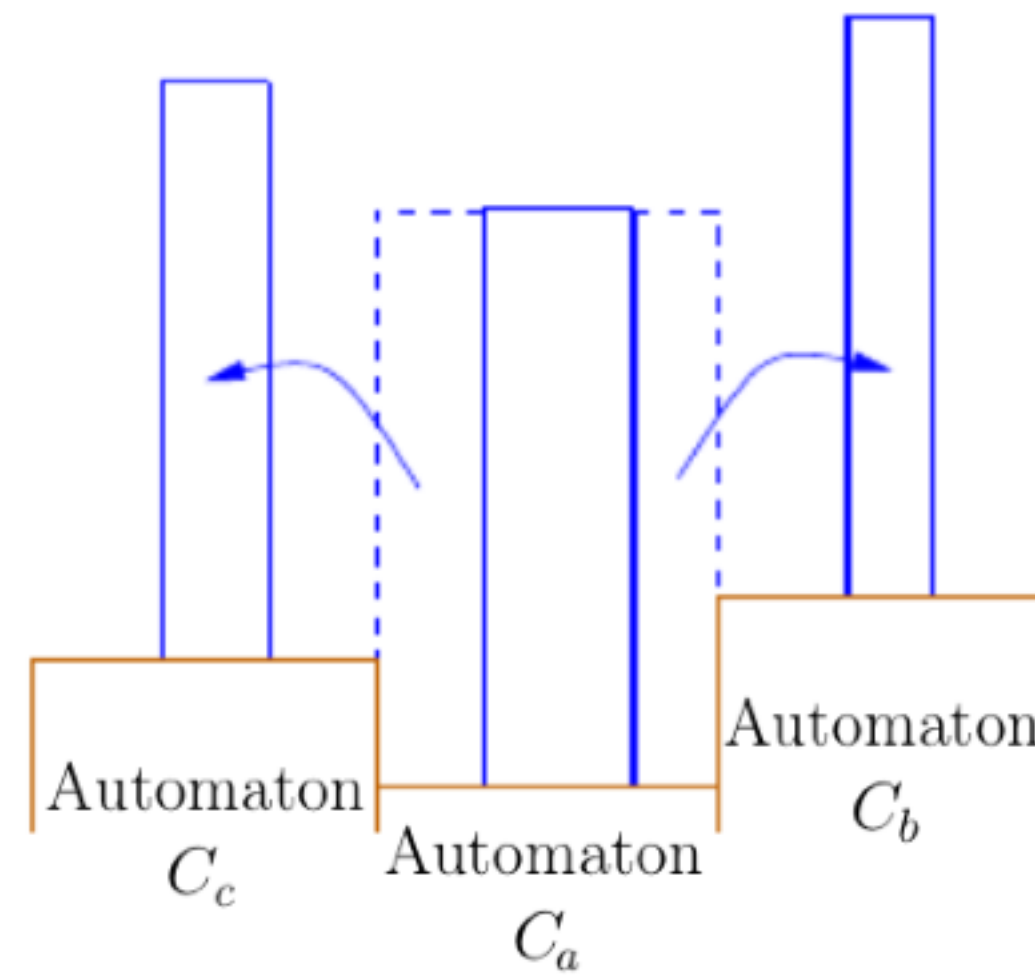
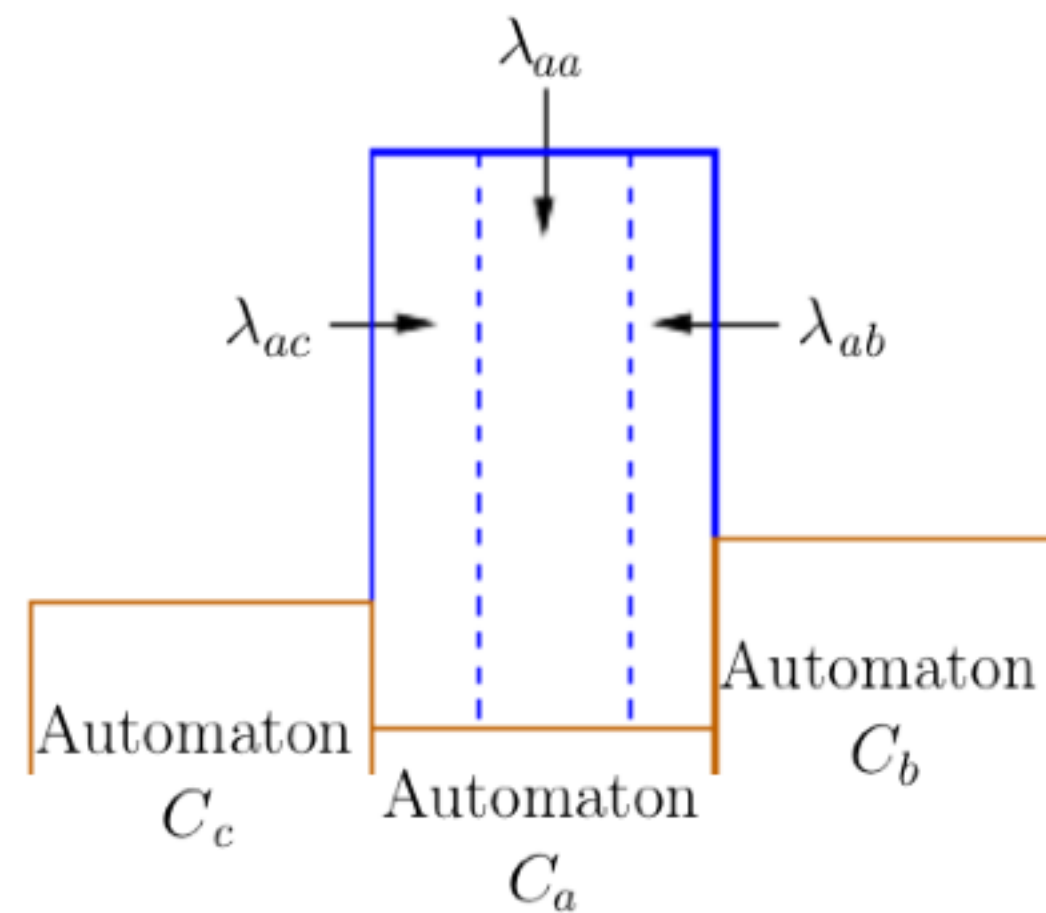


FIG. 2 – Matter and energy exchange between neighbors. Distribution of λ_j that minimizes the work of gravity.

Alternative modelling approaches

cellular automata models - hydrodynamic applications

