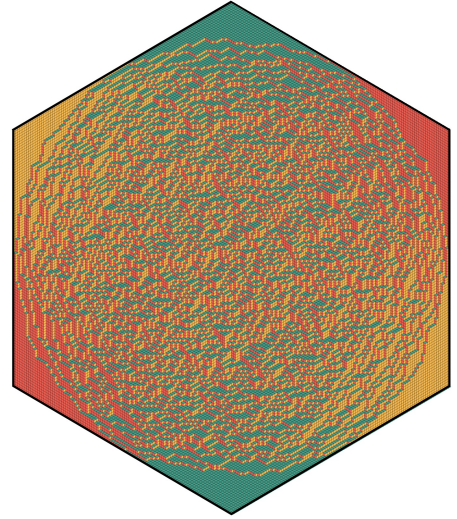
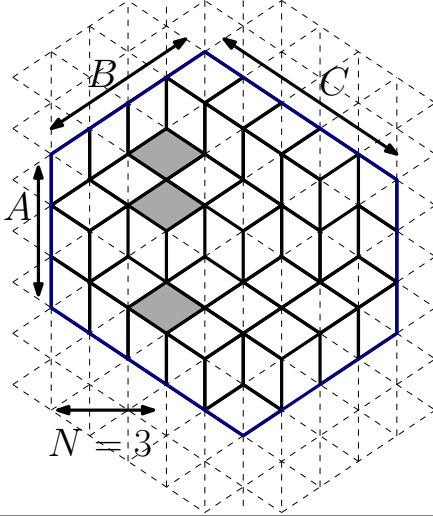
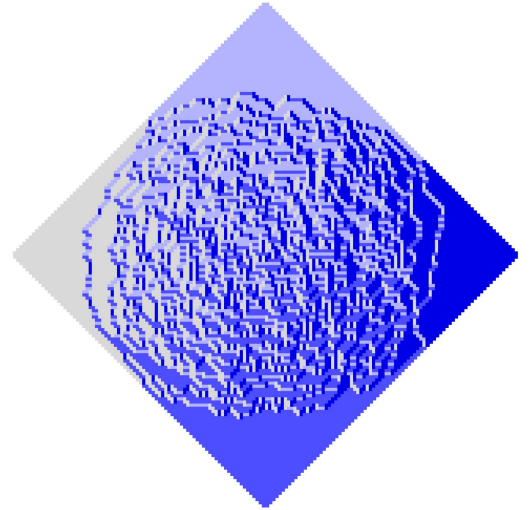
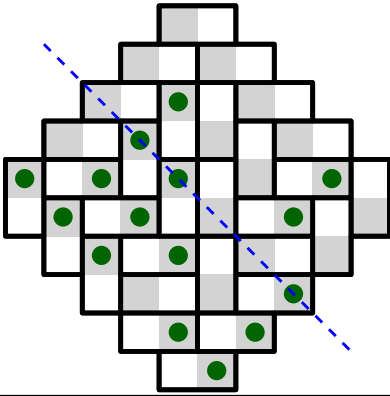


Examples of discrete log-gases at $\theta = 1$.

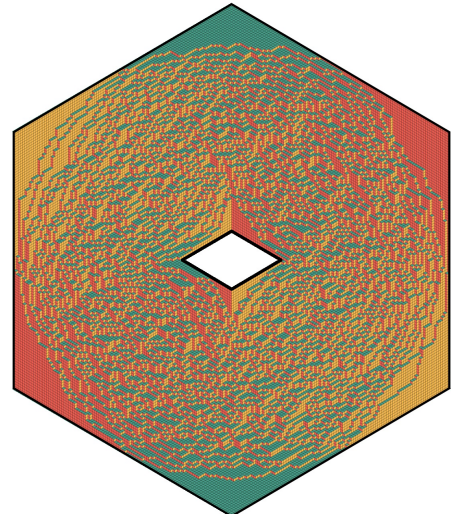
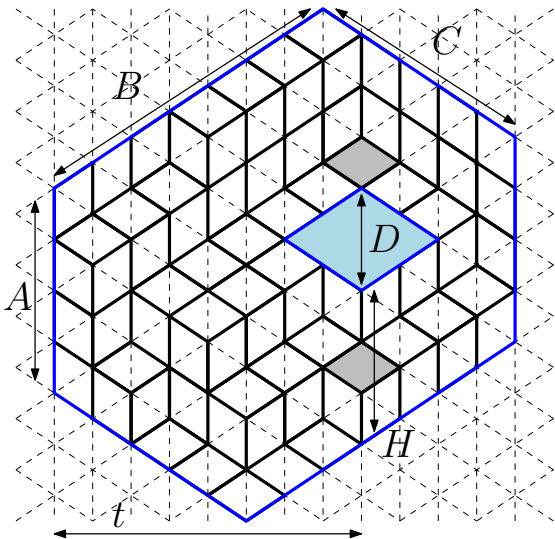
$$\prod_{i < j} (x_i - x_j)^2 \prod_{i=1}^N (\ell_i)_{C-N} (A + N + 1 - \ell_i)_{B-N}$$



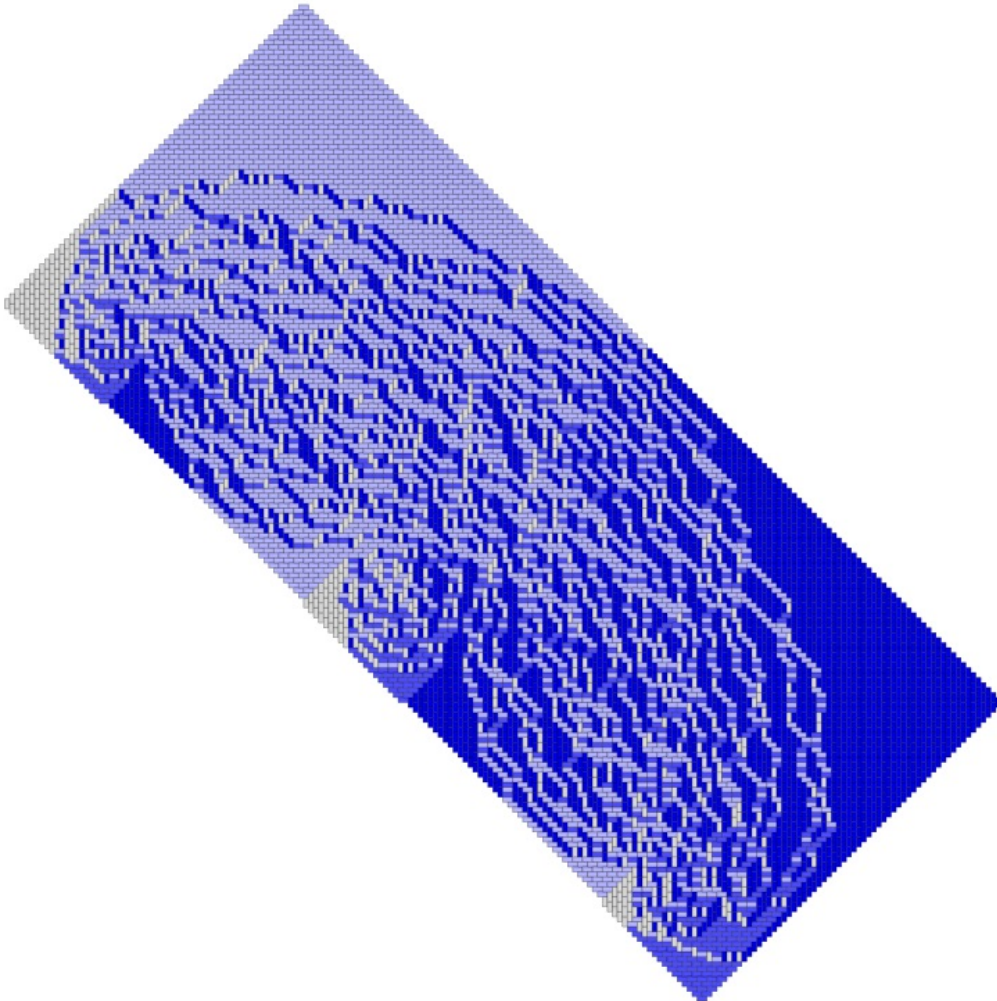
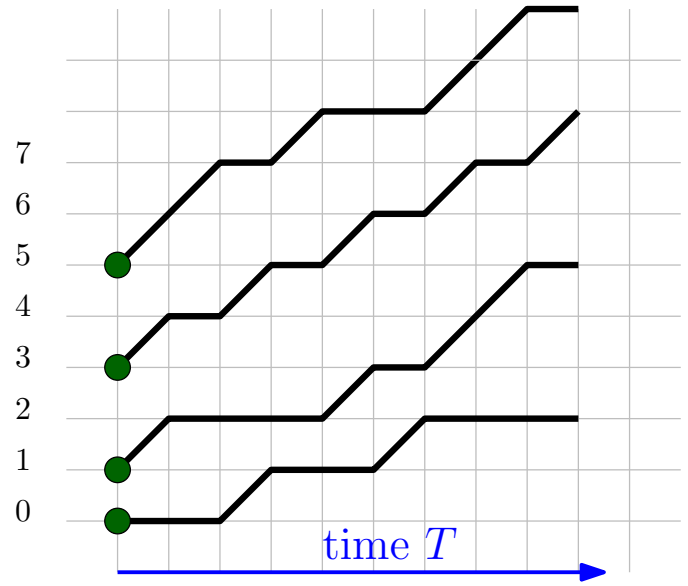
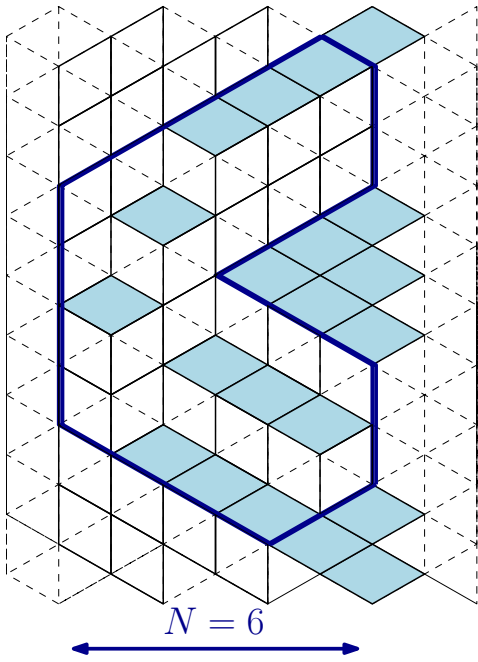
$$\prod_{i < j} (x_i - x_j)^2 \prod_{i=1}^N \binom{K}{\ell_i}$$



$$\prod_{i < j} (x_i - x_j)^2 \prod_{i=1}^N \left[(A+B+C+1-t-\ell_i)_{t-B} (\ell_i)_{t-C} (H-\ell_i)_D (H-\ell_i)_D \right].$$



Examples of systems analyzable through Schur generating functions.



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