Corwin on Integrable Probability

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$b_i, w_i \geq 1$

"TASEP": $(b_1, w_1, b_2, w_2, \ldots, b_n, w_n)$,

choose i at random

$$w_{i-1}\, b_i\, w_i\, b_{i+1} \longrightarrow \begin{cases} w_{i-1}(b_i-1)\,|\,(w_i-1)\,b_{i+1} & b_i>1,\ w_i>1 \\ w_{i-1}(b_i-1)\,|\,(b_{i+1}+1) & b_i>1,\ w_i=1 \\ (w_{i-1}+1)\,|\,(w_i-1)\,b_{i+1} & b_i=1\ \ w_i>1 \\ (w_{i-1}+1)\,(b_{i+1}+1) & b_i=1\ \ w_i=1 \end{cases}$$