

Parents

$P(AB)$

$AA \times AA$

$AA \times AB$

$PQ/2$

$AA \times BB$

PR

$AB \times AB$

$Q^2/2$

$AB \times BB$

$QR/2$

$BB \times BB$

$$\begin{aligned}
Q_{t+1} &= P_t Q_t + 2P_t R_t + \frac{Q_t^2}{2} + Q_t R_t \\
&= 2 \left(P_t + \frac{Q_t}{2} \right) \left(R_t + \frac{Q_t}{2} \right) \\
&= 2pq
\end{aligned}$$

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AA × BB	PR
AB × AB	$Q^2/2$
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Deviant Consequences