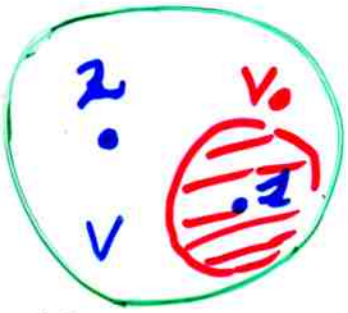
- vecteur de saut $\theta = \begin{pmatrix} 0 \\ 0 \\ 1 \\ 0 \\ \vdots \\ i \end{pmatrix} \leftarrow \Delta x_1 \leftarrow \Delta x_2 \leftarrow \Delta x_3$

- taux de transition

$$q_{x, x+\theta} = \lim_{t \to 0} \frac{P[X(t_0+t) = x(t_0)+\theta / x}{t}$$

$$q_{x, x+\theta} = X_1 \cdot X_2 \frac{V_0}{V} \cdot \frac{1}{\tau} =$$



$$= k\, x_1 x_2 V \quad , x_i = \frac{X_i}{V}$$

- echelles de temps stochastiques

$$\frac{1}{\partial(x)} = \frac{1}{\sum_i q_{x, x+\theta_i}} \sim \frac{1}{V}$$