```
Jij = E βjk Sik
        Tijl = < Ax; AX AX (差[0,t])~
   \frac{d \int_{0}^{1} dt}{dt} = \sum_{x} \Delta x_{i} \Delta x_{i} \Delta x_{i} \Delta x_{i} \frac{dP(\vec{x},t) \not\equiv [0,t]}{dt}
                                                                             - 〈AX; AX; | 至[0,t]》 dx - 〈AX; AX; |至[0,t]》 dx - 〈AX; AX; |至[0,t]》 dx
                                                                      \int_{\mathbb{R}} \Gamma_{k}(\vec{x}, \vec{z}(t)) = \alpha_{k}(\vec{z}(t)) + \sum_{p} \beta_{kp} \chi_{p}.
                                                                                    \frac{dP(\vec{x},t|\vec{z}[0,t])}{dt} = -\sum_{k} F_{k}(\vec{x},\vec{z}(t))P(\vec{x}|\vec{z}[0,t]) + \sum_{k} F_{k}(\vec{x}-\vec{S}_{k},\vec{z}(t))P(\vec{x}-\vec{S}_{k}|\vec{z}[0,t])
                                                                                                                                                                                                                                                                                                                                                                                        6 index shift only shifts the indexes. \Delta X_{i,t} = X_{i,t} - X_{i}(t)
                   \sum_{x} \Delta x_i \Delta x_j \Delta x_i \frac{dP(\vec{x},t|\vec{z}[0,t])}{dt} = -\sum_{x} \Delta x_i \Delta x_j \Delta x_i \sum_{x} \Gamma_{k}(\vec{x},\vec{z}(t)) P(\vec{x}|\vec{z}[0,t])
                                                                                                                                                                                                                                                                                                                                           + \( \frac{7}{\infty} \frac{7}{\infty} \frac{7}{\infty} \frac{1}{\infty} \frac{7}{\infty} \
                                                                                                                                                                                                                                                          = \frac{\sum_{k}}{k} \Big( \Delta x_i \Delta x_j Sk_i + \Delta x_i \Delta x_i Sk_j \Delta x_i \Delta 
                                                                                                                                                                                                                                                                                                                                                                                                  + AX; Skj Skl + AXj Skl Ski + AXI Ski Skj + Ski Skj Skl ) [ (x, = (1)) P(x = (0,1))
   1 : \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1} \) \( \frac{1}{2} \) \( \frac{1}{2}
   D-D: \sum_\tilde\sum_\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde\tilde
                                                                                         -\left(\sum_{x}\Delta x_{i}\Delta x_{j} P(x)\hat{z}[0,t]\right)\left(\sum_{x}S_{ki}\Gamma_{k}(\vec{x}.\hat{z}(t))\right)
                                                         = \frac{\sum_{\text{t}}}{\text{t}} \sum_{\text{AX}_1 \text{AX}_2} \Sh \left(\text{K}_{\text{k}} \right) + \frac{\sum_{\text{p}}}{\text{p}} \right) \text{P(\subset | \vec{\text{z}} \left[0.t])}
                                                                                - 美 X AX; AX; Shi (a,(意) ( 5 pp 天))P(党 1210.11)
                                                     = 支 Axi Axj Stu 子 Btp Axp P(文) [0.1])
                                            = \sum_ \Delta x; \Delta x; \Delta \Delta \P(\frac{1}{R}\beta_{kp} Sel) P(\frac{1}{R}\frac{1}{R}(0.1))
                                           = \sum_{\mathbf{x}} \Delta x_i \Delta x_j \sum_{\mathbf{p}} \Delta x_{\mathbf{p}} J_{i\mathbf{p}} P(\mathbf{x}|\mathbf{x}[0,t])
                                       = & Jip Tijp
                                  =(Ĵ·T)ŋı
④: 麦麦 ΔX; Skj Skl 「k(対達的) P(対達しれ)
                              = \sum_{k} \sum_{k} \Delta X_{i} S_{kj} S_{kl} \left( \alpha_{k}(\vec{z}) + \sum_{p} \beta_{kp} X_{p} \right) P(\vec{x}|\vec{z}[0,t]).
                          = \sum_{\begin{subarray}{c} \omega \in \infty \alpha \text{X}_i \text{ShjShl (Qhl\overline{\pi}) + \overline{\pi} \overline{\pha} \overline{\p
                                              -\left(\sum_{x}\Delta x_{i} P(x|\hat{z}[0.1])\right)\left(\sum_{x}S_{hj}S_{kl}\left(x_{h}|\hat{z}\right)+\sum_{x}\beta_{hp}X_{p}\right)
```

Cij = ( DX; DXj | Z [Ot])

= \( \frac{7}{2} \frac{5}{4} \) AX; Skj Ski \( \frac{5}{2} \beta\_{kp} \text{AXP} \) P(\( \frac{7}{2} \) (0.11) = \ \sum\_{p} \ \begin{align} \ = \ F Pap Sky Ski Cip.