

$$0\!:\!\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\searrow_m2\end{smallmatrix}\overset{\mathbb{L}_\downarrow}{\longrightarrow}0\!|\!1\text{ stet Brown start }\mathbb{L}\in\mathbb{L}$$

$$\mathbb{L}_{\downarrow}(t)=\frac{\exp{-\frac{1}{2}\frac{\overline{\mathbb{L}-\mathbb{L}}^2}{t}}}{\widehat{2\pi t}^{n/2}}$$

$$\mathbb{L}_\downarrow\left(\bigcap_{m\in n}\mathbb{R}_+ \dot{\cdot} _mt\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\searrow_m\mathbb{H}\end{smallmatrix}\right)=\int_{d_1\mathbb{L}}^{\mathbb{1}_{\mathbb{H}}}\cdots\int_{d_k\mathbb{L}}^{\mathbb{1}_{\mathbb{H}}}\mathbb{L}(t_1)_{\mathbb{1}_{\mathbb{L}}}\mathbb{1}(t_2-t_1)_{\mathbb{2}_{\mathbb{L}}}\cdots\mathbb{1}_{k-1}\Big(t_k-t_{k-1}\Big)_{\mathbb{1}_k}=\frac{\int_{d_1\mathbb{L}}^{\mathbb{1}_{\mathbb{H}}}\cdots\int_{d_n\mathbb{L}}^{\mathbb{1}_{\mathbb{H}}}\prod_{m\in n}\exp{-\frac{1}{2}\frac{\overline{_{m+1}\mathbb{L}-_m\mathbb{L}}^2}{_{m+1}t-_mt}}}{\prod_{m\in n}\widehat{2\pi\left(_{m+1}t-_mt\right)}^{n/2}}$$

$$\mathbb{1}\in\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}\\\end{smallmatrix}\overset{({}_mt)}{\underset{\text{mess}}{\longrightarrow}}\mathbb{L}^m\ni\left({}_m\mathbb{U}\right)$$

$$\frac{\overbrace{\mathbb{L}_\downarrow\rtimes t}^{\mathbb{1}}}{d_1\mathbb{L}\cdots d_n\mathbb{L}}_{\mathbb{1}_{\mathbb{L}}}=\mathbb{L}(t_1)_{\mathbb{1}_{\mathbb{L}}}\mathbb{1}(t_2-t_1)_{\mathbb{2}_{\mathbb{L}}}\cdots\mathbb{1}_{k-1}\Big(t_k-t_{k-1}\Big)_{\mathbb{1}_k}=\frac{\prod_{m\in n}\exp{-\frac{1}{2}\frac{\overline{_{m+1}\mathbb{L}-_m\mathbb{L}}^2}{_{m+1}t-_mt}}}{\prod_{m\in n}\widehat{2\pi\left(_{m+1}t-_mt\right)}^{n/2}}$$

$$\text{i /}\qquad\qquad\qquad\begin{smallmatrix}0\!:\!\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\end{smallmatrix}\\\int_{\mathbb{U}}\mathbb{U}_t\mathbb{V}=\mathbb{L}\mathbb{V}\end{smallmatrix}$$

$$\text{ii /}\qquad\qquad\qquad\begin{smallmatrix}0\!:\!\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\end{smallmatrix}\\\int_{\mathbb{U}}\overbrace{\frac{{}_s\mathbb{U}-\mathbb{L}}{n^{1/2}}}^{\sharp}\frac{{}_t\mathbb{U}-\mathbb{L}}{n^{1/2}}=s\wedge t\end{smallmatrix}$$

$$\text{iii /}\qquad\qquad\qquad\begin{smallmatrix}0\!:\!\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\end{smallmatrix}\\\int_{\mathbb{U}}\exp\sum_j{}_t\mathbb{U}_j\mathbb{V}^j=\exp\left(\frac{1}{2}\mathbb{1}^1\mid\mathbb{1}^2\mid\mathbb{1}^n\frac{\begin{smallmatrix}t_1I&t_1I&t_1I&\mathbb{1}^1\\t_1I&t_2I&t_2I&\mathbb{1}^2\\t_1I&t_2I&t_nI&\mathbb{1}^n\end{smallmatrix}}{\mathbb{1}^n}+\mathbb{L}\mid\mathbb{L}\mid\mathbb{L}\frac{\mathbb{1}^1}{\mathbb{1}^2}\right)\end{smallmatrix}$$

$$\text{iv /}\qquad\qquad\qquad\bigwedge_{s\leqslant t}\begin{smallmatrix}0\!:\!\mathbb{R}_+\begin{smallmatrix}\nearrow_0\mathbb{L}:\mathbb{L}\\\end{smallmatrix}\\\int_{\mathbb{U}}\overbrace{\frac{{}_t\mathbb{L}-_s\mathbb{L}}{n^{1/2}}}^{\sharp}\frac{{}_t\mathbb{L}-_s\mathbb{L}}{n^{1/2}}=t-s\end{smallmatrix}$$