筑波大学
University of Tsukuba

$$D^{n+1} \xrightarrow{+_{D^{n+1}}} D_{n+1}$$

$$(n+1)_n \quad +_{D(n+1)_n} \quad D_n$$

$$\psi_{D^{n+1}} \quad \psi_{D_{n+1}}$$

$$D^{n+1} \oplus D \xrightarrow{+_{D^{n+1}} \oplus \mathrm{id}_D} D_{n+1} \oplus D$$

$$D^{n+1} \xrightarrow{+_{D^{n+1}}} D_{n+1}$$

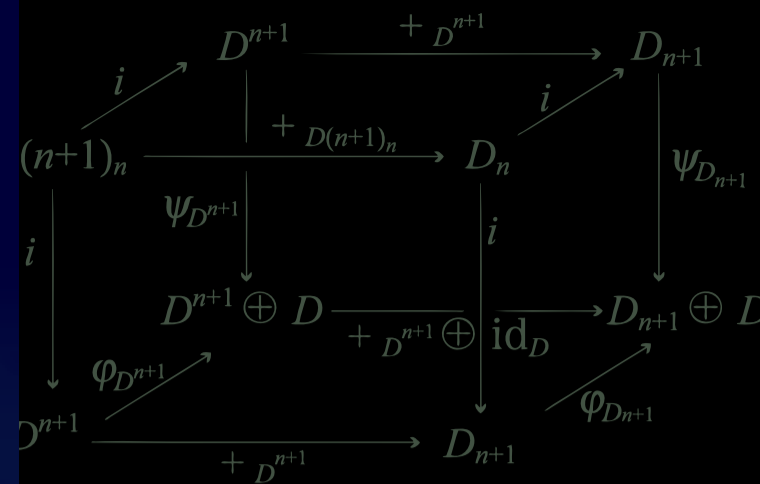$$\varphi_{D^{n+1}} \qquad \varphi_{D_{n+1}}$$

College of Mathematics

理工学群
数学類

数学の高みへの旅立ち…

幾何学 Geometry

代数学 Algebra

解析学 Analysis

情報数学
Mathematics of information

$$D \xrightarrow{\mathrm{id}_D} D$$

$$i$$

$$1 \qquad \varepsilon_{D_n}$$

$$i$$

$$D^{n+1} \oplus D \xrightarrow{+_{D^{n+1}} \oplus \mathrm{id}_D} D_{n+1} \oplus$$

$$\varphi_{D_{n+1}}$$

$$+_{D^{n+1}} \qquad D_{n+1}$$

http://www.math.tsukuba.ac.jp/