

Hello, BEAMER!

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First Slide

- TikZ
- Beamer
 - Fun
 - Cool
 - Sexy

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- TikZ
- Beamer
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Second Slide

Second Slide

- 1 item1
- 2 item2

Second Slide

1 item1

2 item2

(a) item1

Second Slide

1 item1

2 item2

(a) item1

(b) item2

Second Slide

1 item1

2 item2

(a) item1

(b) item2

key value

long key value

Third Slide

LEFT

RIGHT

cell 1	cell 2	cell 3
cell 4	cell 5	cell 6

Fourth Slide



Fifth Slide

Basis

If a subspace W of a vector space V is generated by a linearly independent $\mathcal{B} = \{\vec{v}_1, \dots, \vec{v}_k\} \subset V$, i.e.,

$$W = \text{Span } \mathcal{B},$$

\mathcal{B} is called a **basis** of W .

Theorem (Dimension Theorem)

If W is a *finitely generated* subspace of a vector space V , any basis of W has a *same number of elements*. The number of elements of a basis of W is called the *dimension* of W , and denoted **$\dim W$** .