Ch9 Definition

Saturday, 19 April 2025 6:52 PM

Definition 9,
$$B$$
 - coordinates
$$[\vec{x}]_{B} := \begin{pmatrix} x_{1} \\ \dot{x}_{n} \end{pmatrix} \text{ where } \vec{B} = \{v_{1}, v_{2}, ..., v_{n}\},$$

Pefinition 9.4 Changes of books matrix
$$\left(M_{c \leftarrow B} \right) \left[\sqrt[7]{3} \right]_{B} = \left[\sqrt[7]{3} \right]_{C}$$

tion
$$9/1$$
 B-coordinates

$$[\vec{x}]_{B} := \begin{pmatrix} x_{1} \\ \dot{x}_{1} \end{pmatrix} \text{ where } \beta = \{v_{1}, v_{2}, ..., v_{n}\}$$
and $\vec{x} = k_{1}\vec{v}\vec{i} + ... + \sum_{n} \vec{v}\vec{n}$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

$$M_{2} \in B = ([b_{1}]_{2} ... [b_{n}]_{2})$$

Theorem 9.3 $\beta = \{b_{1}, ..., b_{n}\}$

OneNote