Conditions for R: Investible: R, (), n) R, (m, 1) = 1 Consistency of algebra: look at preduct of 3 marday mahrees $T_{1}(\lambda)T_{2}(\mu)T_{3}(\lambda).T$ $T_3(V)T_2(W)T_1(J)$ tuneruper at clock R, (), m) R13 (1, 10) R23 (m, 10) = = R22 (M, b)R13 (1, b)R12 (1, M)

sistem of policies debom , detemberne, bella - 05 mbre H = 8 H. $A \sim J$ Rebui stia 10 Simplest case: H. ~ A~ C2 rep: 242 within Start mater 4X4 R-natries. Say metry $R(\lambda) = \begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & b(\lambda) & c(\lambda) & 0 \\ 0 & c(\lambda) & b(\lambda) & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix}$ ed cot c=/ : s.d

Complete som:
$$26-29 \neq ABA$$
 hopter

Simplete som: $b(\lambda) = \frac{\lambda}{\lambda + i}$ $c(\lambda) = \frac{i}{\lambda + i}$

Morodrong matrix: $T(\lambda) \subset ABA$

Represent it as $T(\lambda) = (A(\lambda) B(\lambda))$
 $A_1B_1 \subset A(\lambda) \subset A$
 $A_2B_1 \subset A(\lambda) \subset A$

ABA R₁₂ $T_1 T_2 = T_2 T_1 R_{12}$
 K

The complete some $A_1B_2 \subset A$

(L) O + (L) A = (L) T AT = (L) I : wirdow referror Intropet B(1) as a raising/vertion ap. (stata anusque) (0) otata E anusa A (0) (W) = (0) (W) A. J. a D(1)/0>= h(2)/0> a,d: free /3. Coverder state $\Pi B(\lambda_i) 0$ com chech blin is an eigenochte of E(1)

provided of (i) The b(1:-1/1) = 1

All of its (i) the

Finding an explicit model related to the simplest R-matrix

For
$$R_{12} = \begin{pmatrix} 0.00 \\ 0.00 \end{pmatrix}$$
 soft identity

identity

$$\sum_{j=1}^{N} \frac{1}{2} [\overline{0}, \overline{0}; \overline{1}]$$

$$\sum_{j=1}^{N} \frac{1}{2} [\overline{0}, \overline{0}; \overline{1}]$$

For $A_{12} = \sum_{j=1}^{N} \frac{1}{2} [\overline{0}, \overline{0}; \overline{1}]$

$$\sum_{j=1}^{N} \frac{1}{2} [\overline{0}, \overline{0}; \overline{1}]$$

There is an example of a trave identity