Linear Toransformation which Maps Q Space On to itself is Called Linear Operation.

As orelative obnicatation of \$\overline{B} \rightarrow \overline{B}' is not Changed, but only onotated, so scale tripple Product will not change.

Hence,

Onthogond Matrix >> Square matrix whose Columns and nows are a contho normal vector $\bar{Q}^T\bar{Q} = \bar{Q}\bar{Q}^T = \bar{I}$

Peropen onthogal Metrix > Onthogond metrix with determinant Unity.

|Q|=1

$$\frac{dQ}{dQ} = -\sin Q \left(\overline{1} - \overline{e}\overline{e}\overline{1} \right) + \cos Q \overline{E}$$

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非

