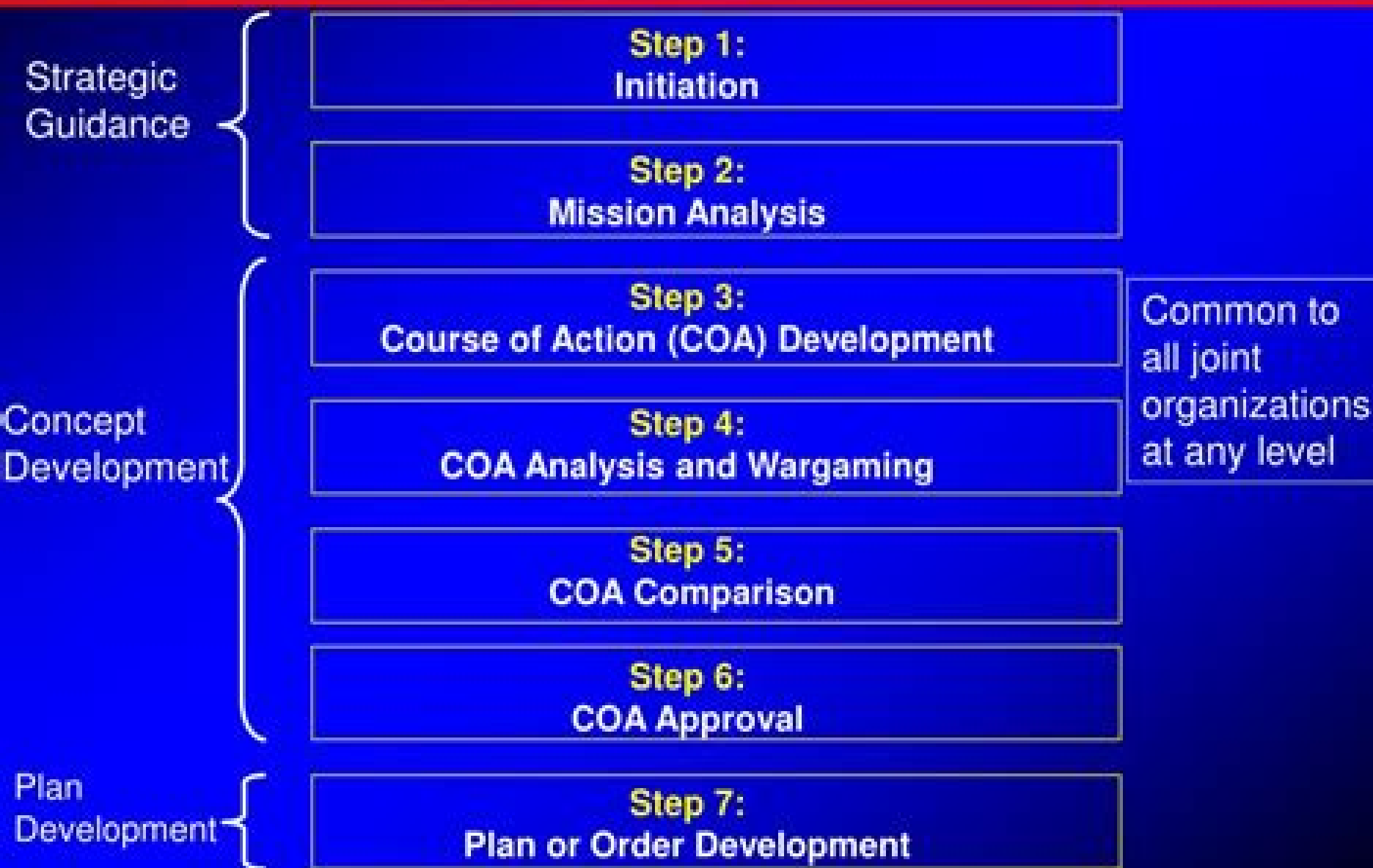


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web coordinates of v the standard coordinates are $v = \begin{pmatrix} v_1 \\ v_2 \end{pmatrix}$ are the b_1, b_2 are assumed if no other basis is specified this means $v = v_1 b_1 + v_2 b_2$ if b_1, b_2 is a basis of \mathbb{R}^n then the matrix S which contains the vectors b_k as column vectors is called the coordinate change matrix

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