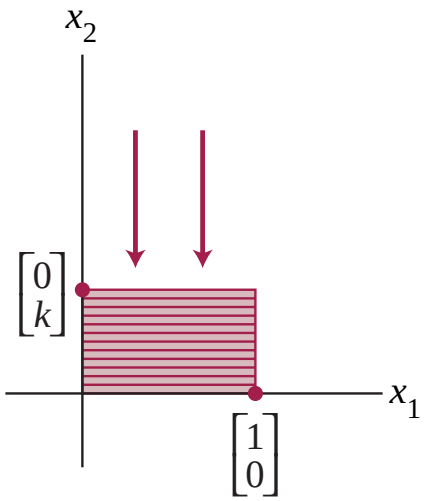
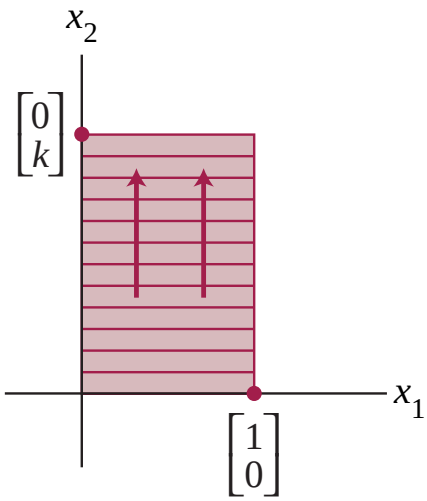
Vertical Contraction and Expansion

Image of the Unit Square	Standard Matrix
 $0 < k < 1$	$\begin{bmatrix} \\ \\ \\ \end{bmatrix}$
 $k > 1$	

Lay, *Linear Algebra and Its Applications*, Second Edition—Update
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