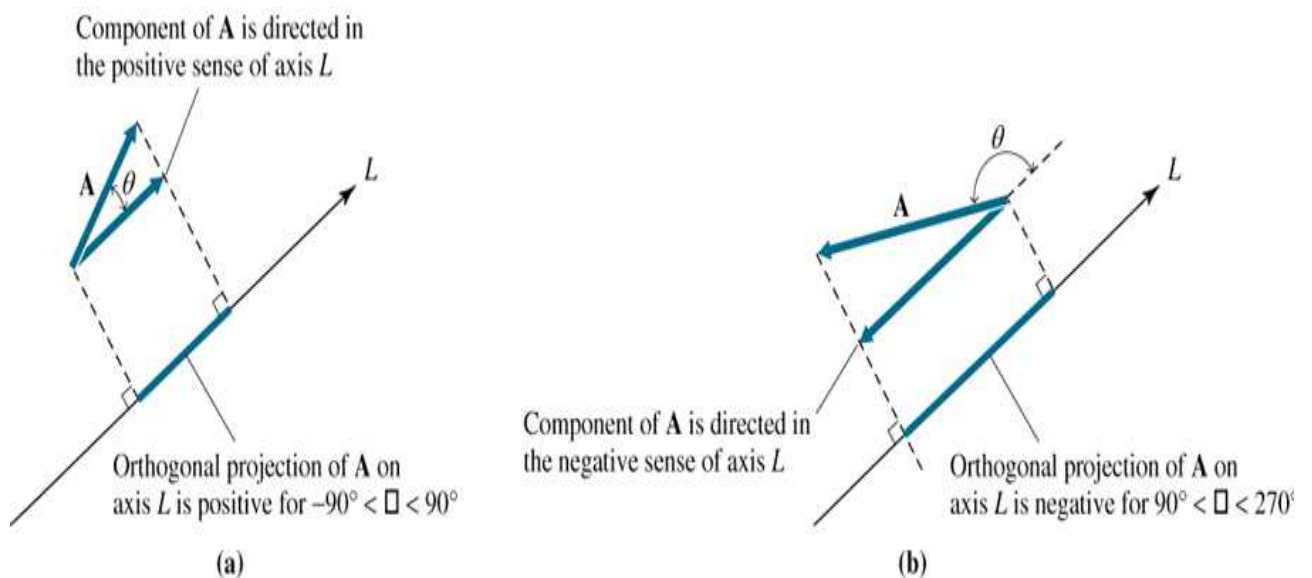


Orthogonal projection of a vector on an axis  $L$  is constructed by drawing projection lines from the axis to the tail and tip of the vector.



©2001 Brooks/Cole, a division of Thomson Learning, Inc. Thomson Learning® is a trademark used herein under license.

**Fig 2.22** Orthogonal projection of a vector on an axis

※ If a vector is perpendicular to the axis, its magnitude of projection on the axis is zero.