

A diagram illustrating a surface element. A horizontal oval represents the surface, with two curved arrows indicating its boundary. A vertical line segment with an upward-pointing arrow represents the normal vector  $n$ . The label  $\delta S$  is placed near the left side of the oval, and the label  $P$  is placed below the center of the vertical axis.

 $n$  $\delta S$  $P$  $\delta C$