Illustration Of Lemma ?? in the case $E = \mathbb{R}^2$, with ε_2 being the sinus of the angle between the main axis of the ellipse $h(\mathbf{S})$ and the dashed line $\ker(w_1^g)$ on the left of the arrow with ε_2 being the angle between the dotted ellipse $g(\mathbf{S})$ and the dashed line $\ker(w_1^f)$ and with ε_3 being the angle between the plain ellipse $gh(\mathbf{S})$ and the dashed line. We write S for the unit sphere.

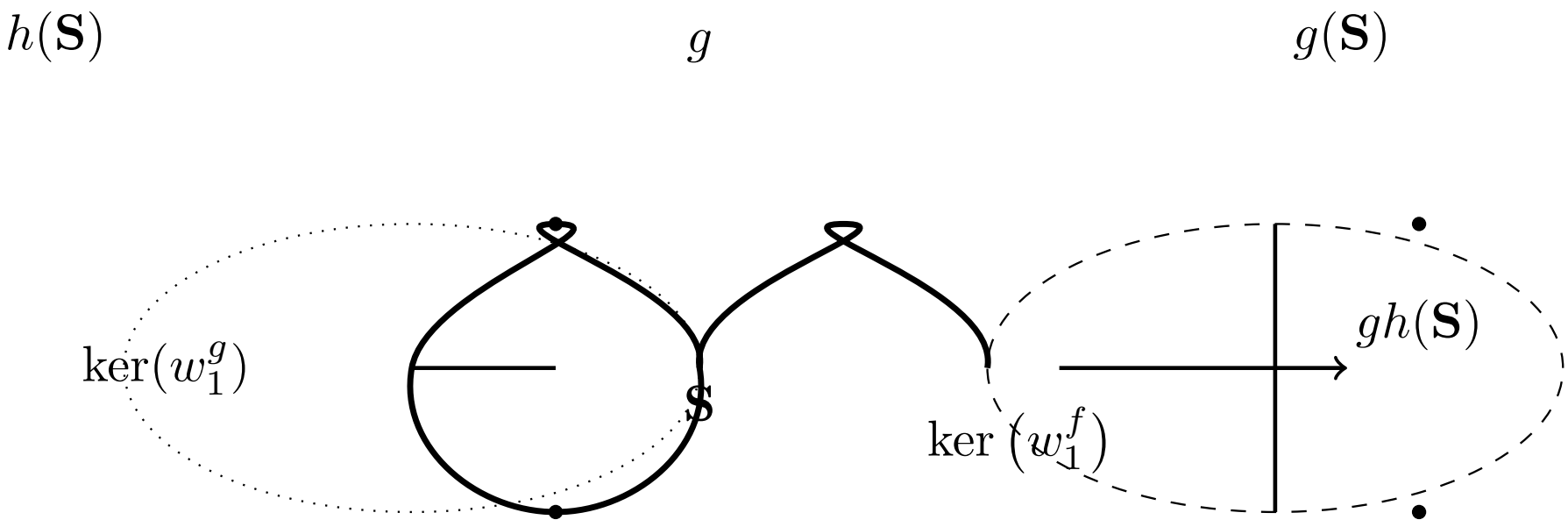

Figure 1: Illustration of Lemma **??** as described.