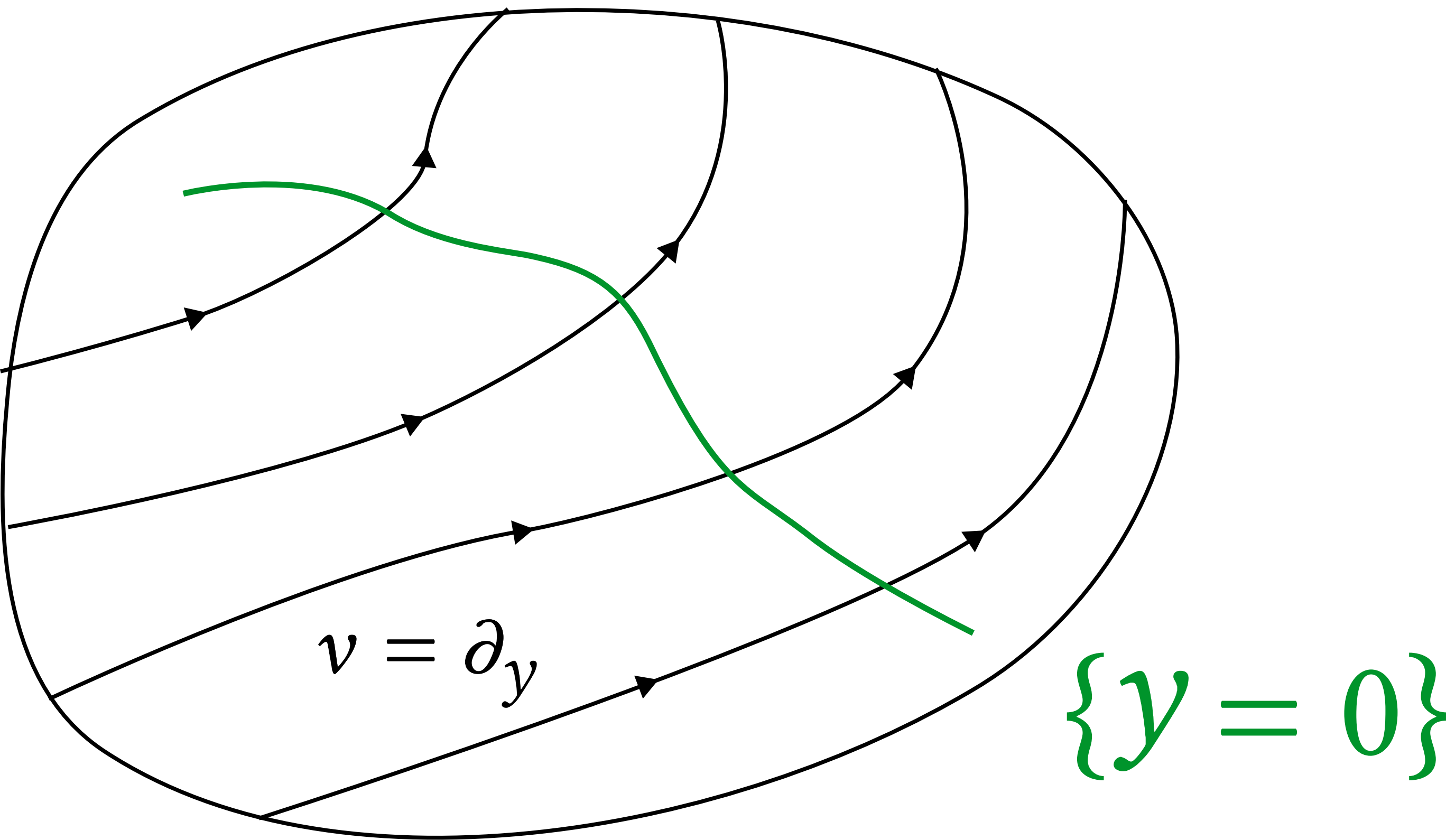


$$U \simeq W^4 \times \mathbb{R}_y$$



$$\Omega^2_{\partial_y, \pm}(W^4 \times \mathbb{R}_y) \simeq \Omega^2_{\pm}(W^4)$$