Axler 6.A exercise 9 April 27, 2021

## 1 | Axler 6.A exercise 9

Suppose 
$$u,v\in V$$
 and  $\|u\|\leq 1$  and  $\|v\|\leq 1.$  Prove that

$$\sqrt{1-\|u\|^2}\sqrt{1-\|u\|^2}$$

## 2 | **Proof**

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