Group	Scribe		
_			
Other group	members		

## Group Quiz for Section 5.3

Let V be an inner product space over  $\mathbb{C}$ . Show that if  $\mathbf{T} \in \mathcal{L}(V)$  is self-adjoint and  $\lambda$  is an eigenvalue of  $\mathbf{T}$ , then  $\lambda \in \mathbb{R}$ .