

\vec{u} $proj_{\perp \vec{v}} \vec{u}$

3.0

2.5

2.0

1.5

1.0

0.5

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

 \vec{v} $proj_{\vec{v}} \vec{u}$ 