





lvego $w \in \text{ker}(\varphi)$.

Por diversish $\text{ker}(p) = \text{ker}(\varphi)$ lvego $\text{ker}(p)^{\perp} = \text{ker}(\varphi)^{\perp}$ $\Rightarrow \varphi = \lambda p$ en λ gue algoria $\lambda > 0$. $\hat{\varphi} := \frac{1}{\lambda} \cdot \hat{\varphi} = p \text{Jen}(\lambda)$ $\hat{\varphi} = p \text{Jen}(\lambda)$