Table 1: Eigenvectors of Covariance Matrix

$\lambda_1 = 2.9185$	$\lambda_2 = 0.914$	$\lambda_3 = 0.1468$	$\lambda_4 = 0.0207$
$\begin{bmatrix} 0.52107 \\ -0.26935 \\ 0.58041 \\ 0.56486 \end{bmatrix}$	$\begin{bmatrix} 0.37742 \\ 0.9233 \\ 0.02449 \\ 0.06694 \end{bmatrix}$	$\begin{bmatrix} 0.71957 \\ -0.24438 \\ -0.14213 \\ -0.63427 \end{bmatrix}$	$\begin{bmatrix} -0.26129 \\ 0.12351 \\ 0.80145 \\ -0.5236 \end{bmatrix}$

Total Variance $= 4$