	Ex 3.4
	One Pass of the Gram-Schmidt Procedure (alg 3.1) is
	taken to obtain the Zi's and Sik's and in turn
	to write:
	$X = ZD^{-1}D\Gamma$
	= QR MAN AND MAN AND LOCAL COMMENTS
	Nov
	$\times \hat{\beta} = y$
	=> $QR\hat{\beta} = Y$ => $R\hat{\beta} = Q^T y$ (as Q is orthogonal)
0	
	Since R is upper Hiangular he have:
	Since to is writer throughout the
	Γι Γιραι βι 914
	0-0 (P+1,P+1 BP+1) 9P+14
	(P+1) x (P+1) ((P+1) x 1)
	And is the salvate VB: is 1 Pall by salvan
0	Which is clearly solvable V \(\hat{\beta} \) i \(\ext{E} \) P+1 by solving For \(\hat{\beta} \) p+1 and Substituting to Find other Values sequentially.
	for pp+1 and substituting to time other values separately
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