Orthogonal projections and offer found bar	int:
-> orthogonal vectors.  -> length of a vector unit vector.	4
Example: []] and []	Kho wan (
Example: [0] and [0] are or	
Divide by length to get rectors or	1 mat 1: 12 [1]
orthonormal vectors: orthogonal and we can make any orthogonal vectors.	
ofthonormal vectors.	
Example: [0], [0] are.	
(m) [] [] [] [] [] [] [] ~~~~~~~~~~~~~~~~~	. ofhow (ma).
The Octhornal vectors are lineals	independent.
Example: [9], [3], [3]	mre a basis:
Why? angles!	spom & lin.
Jun: Paintin note V= som ("	2 [67 [97 65:71
is: pnj (x) = x"	(グ・文)が、ナー・・
Why? We are doing a bound of little projection, and she we are	le of the results.

Compute Project ([2]) =

1) First orthororand back: 
$$t = [0], [0]$$

2) Project project[ $[0]$ ] =  $(t = [0], [0])$ 

To orthogonal complement:  $V^2 = [0], [0]$ 

The kernel of the softenant projection and  $V$ .

Example: Find  $V^{\perp}$ .

[1]  $[V^{\perp}] = 0$  and  $[0], [V^{\perp}] = 0$ 
 $[V^{\perp}] = [V^{\perp}] = 0$ 

Thus;  $[V^{\perp}] = [V^{\perp}] = [V^{\perp}]$ 

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