

MEANS OF "BASIS"

	$1 \equiv \text{BASIS}_1$	$2 \equiv \text{BASIS}_2$	P
$[000100000010]$	$P([000100000010] S=1)$	$P([000100000010] S=2)$	
$[000100000000]$	$P([000100000000] S=1)$	$P([000100000000] S=2)$	
$[010100000010]$	$P([010100000010] S=1)$	$P([010100000010] S=2)$	
\vdots	\vdots	\vdots	
\vdots	\vdots	\vdots	

INSTANCES OF V_3 FOUND IN THE COEFFS, FOR

"BASIS"

V_3

BASIS: VECTOR ID FOR THE SUBSET # 1 OF BASIS

$P(V_3 | S)$ FOR "BASIS"

JUST A SUBSET OF THE WHOLE $P(V_3 | S)$

$$P(V_3 = [000100000010] | S = \text{basis}_1) = \frac{C(V_3 = [000100000010], S = \text{basis}_1)}{C(S = \text{basis}_1)}$$