4 م '	Bouris durch Kontraposition	
	Un W = {0} => din U +din W = din V	
	0= Hmib = 1 = {0} = H = 0	
	Dim ansionsformed: dim(U+W) = dimU+dimW-dim(UnW)	
	=> dim(U+W) + dim(UnW) = dimU+dimW Wmib+Wmib = O+(W+W) mib @ dim	
	dim (U+W) = dim U+dim W Kordyar Fquivalandim U+dim W = dim (a,u,++a,u,+Bu,++Bnw,) = dim (V)	secy r
	=> dim(U+W) \(dim(V)\) w \(iv): U_n \(V \) is \(v \) \(v	
	=> dim U + dimble & lim(V) => UnW = £03 => dim W + dimble = dim(V) => UnW + £03	
6)	=) o, ,, a, = Basis von A	
	geschrieben werden.	
	=> A v {a} = span A => Rang A v {a} = Rang A	
	(wail a,, ane Aufaz) => Rang Aufaz=Rang A	
	sonst Rang Auta 3 > Rang A) Rang A-Rang Auta 3 => behickige ansalu Velut aren a,,	a . c A
	sind on lin. abh. => a konn abs lin. bomb. a,a, ++u, a, = a	
	geschrieben werden => a & span A	