if dim(bev (f²)) = 5, this means

comp the dimension of the 0-speigenspace is 5.

-> there are 5 0-Jordon blocks.

i.e. the sertII is is the zero matrix.

has

iferry a matrix M with a 1 in its diagonal with

then ma will also have a 1 in its diagonal.

(using Lemma 2.5).

the a matrix M cannot have dim (her(m²)) = 5

if it has a one in its diagonal.

Therefore only the matrices from the case

Whene  $\lambda = 0$  only apply.

..  $J(0,1) \oplus J(0,1) \oplus J(0,2)$  and  $J(0,1) \oplus J(0,2) \oplus J(0,2)$ .

(up to reordering ...).

 $g_{\Gamma}$