Eine Woche, ein Beispiel 11.26 calculation of Penz (CIP')

Final goal. Fill in the tables in the next page. (for presentation, remove the i' column)

Ref:

[Willians]: Langlands correspondence and Bezrukavnikov's equivalence calculations from Lukas Bonfert's note (don't forward this to anyone else).

$$\psi \stackrel{\text{can}}{\underset{\text{var}}{\longleftarrow}} \phi$$

alias

 $Var \circ can + 1 = 1$

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(o,	I	,	ı	,	١)

	>	-2	-1	0	1
C	j*	0	0	0	0
[00]	.* 1	0	0	Q	0
	`.'	0	0	Q	0
	R _r ∟	0	0	Q	0

ICo In [Willians]. 803 is oligged out

	/>	-2	-1	0	1
C	j*	0	<u>@</u>	0	0
[00]	.* 1	0	Q	0	0
	٠,	0	0	0	Q
	R _r L	0	Q	0	Q

$$Q \stackrel{\circ}{\sim} 0$$

IC∞ IC (©P', <u>C</u>c)

$$R_{j*} \underline{Q}_{C}[1]$$
(-1,0,0,-1)

	/	-2	-1	0	1
C	j*	0	<u>@</u>	0	0
[00]	.* i	0	Q	Q	0
	ì!	0	0	0	0
	K,∟	0	Q	0	0
	r	0	Q	Q	0

$$Q \stackrel{\circ}{\underset{1}{\longrightarrow}} Q$$

 $I(\psi)$

$$\int_{0}^{1} \underline{\mathbb{Q}}_{\mathbb{C}}[1]$$

	\ \	-2	-1	٥	1
C	j*	0	Q	0	0
[00]	.* 1	0	0	0	0
	٠,	0	0	Q	Q
	Κ <u>,</u> L	0	0	0	Q

$$Q \stackrel{i}{\gtrsim} Q$$

 $P(\psi)$

???

$$Q \stackrel{\binom{n}{2}}{\underset{(1,0)}{\longrightarrow}} Q^{2}$$

big tilting sheaf $P(\phi) = I(\phi)$