

AVANTIX

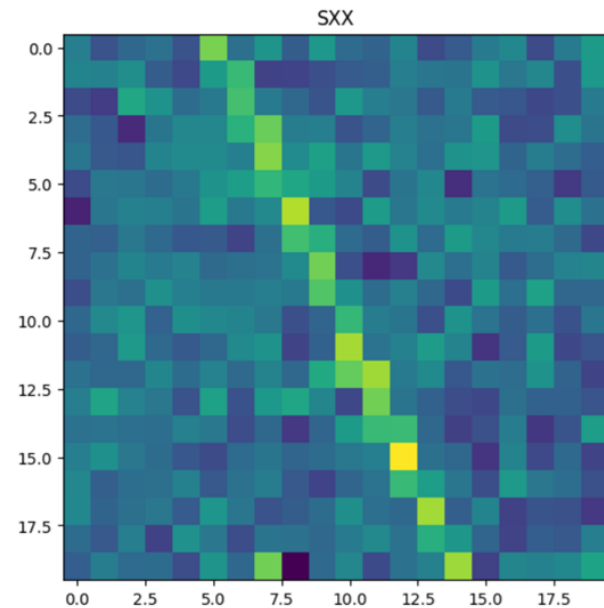
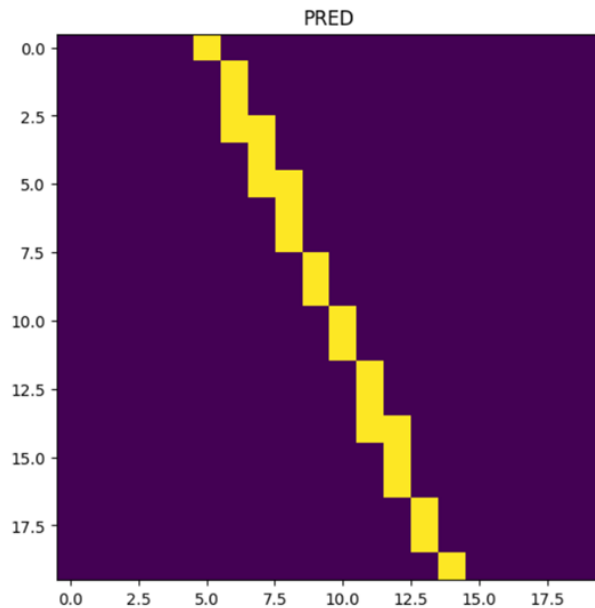
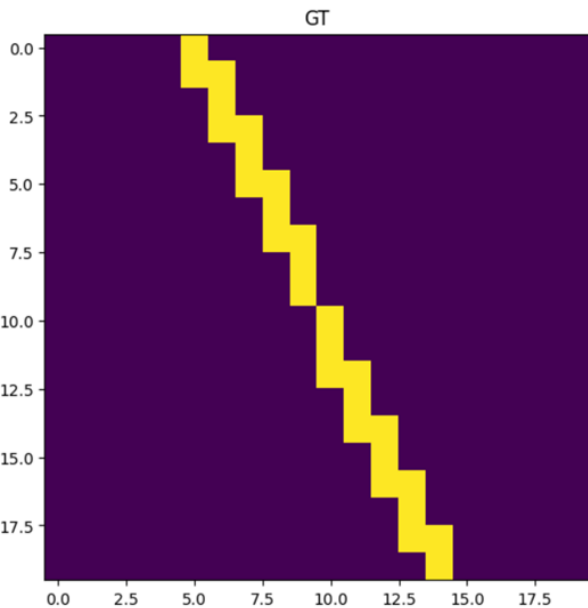
Avancement Simulateur IQ

Performances par branches

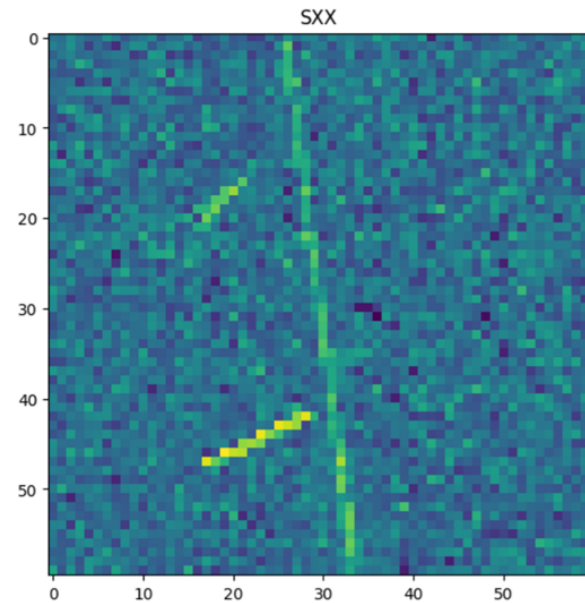
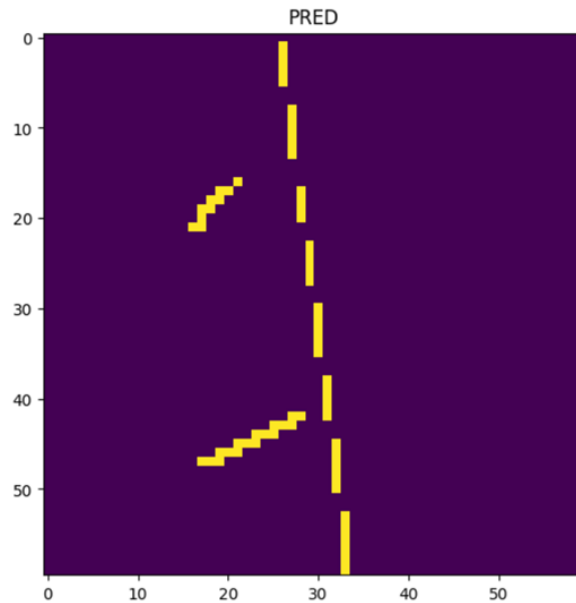
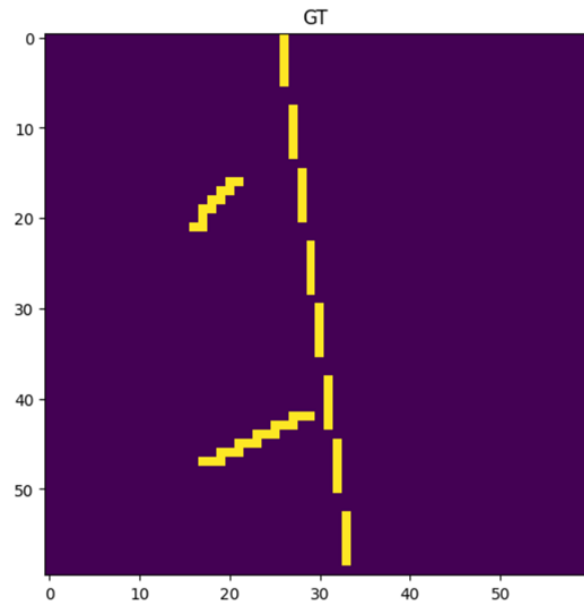
nperseg	Nombre de couches	Num_params (≈num_kernels)	PR-AUC (%)	
256	4	373 4945	93,2 94,7	Peu d'intérêt à passer à un modèle plus gros
512	3	225 2625	85,3 92,4	
1024	2	305	76,4	
4096	2 4	305 4945	75,7 90,9	Gain notable en perf avec un modèle plus gros
16384	2 2	305	72,4	
131072	5 5	521 7625	91,4 95,4	Peu d'intérêt à passer à un modèle plus gros

Il semble que les performances sont corrélées au nombre de couches plutôt qu'au nombre de paramètres

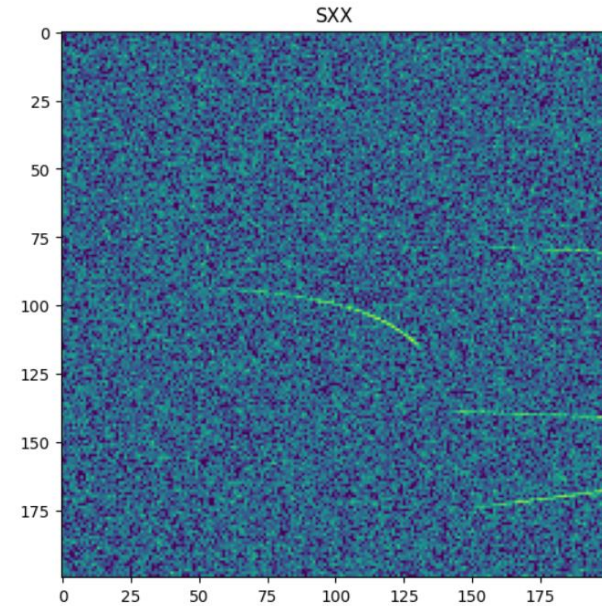
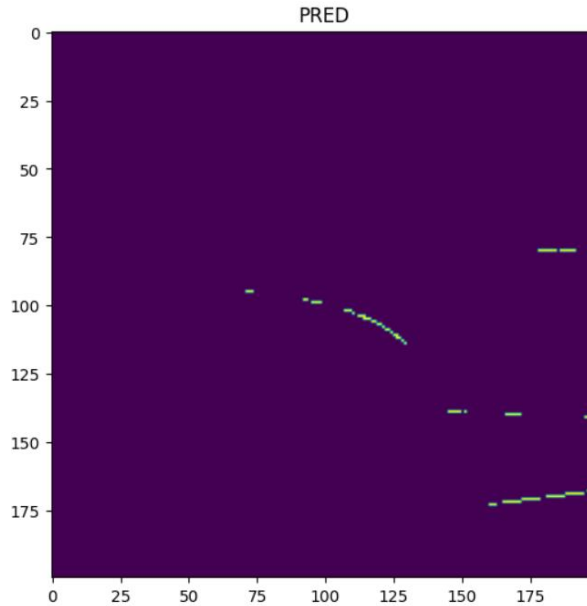
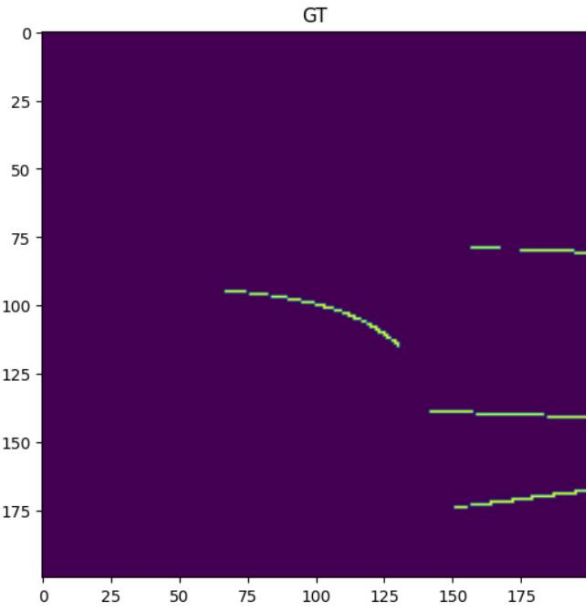
Nperseg = 256



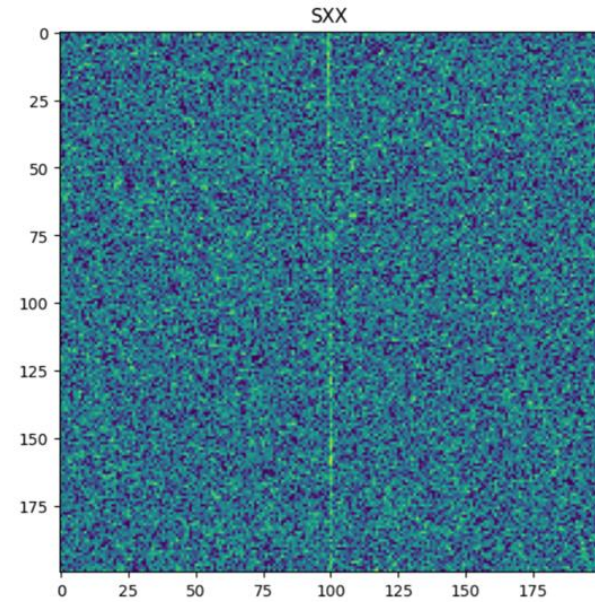
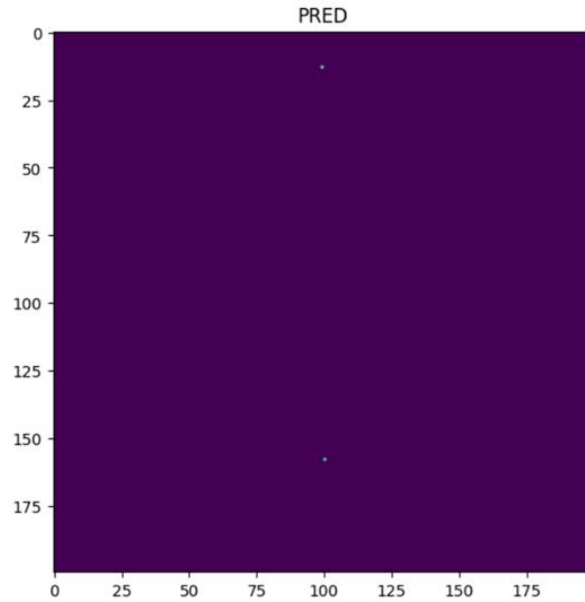
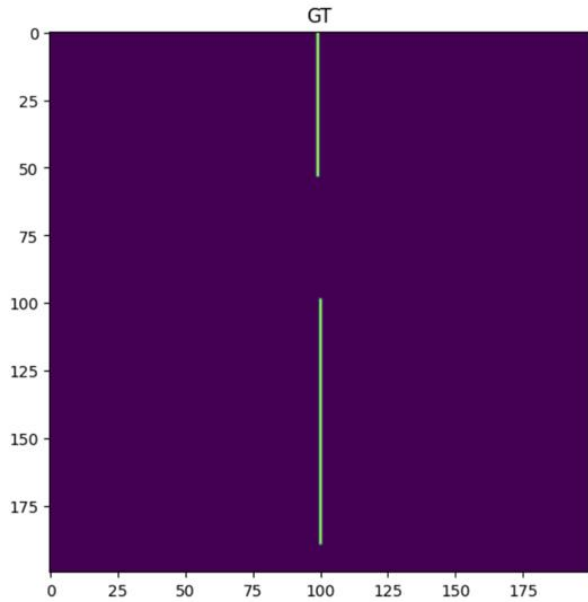
Nperseg = 256



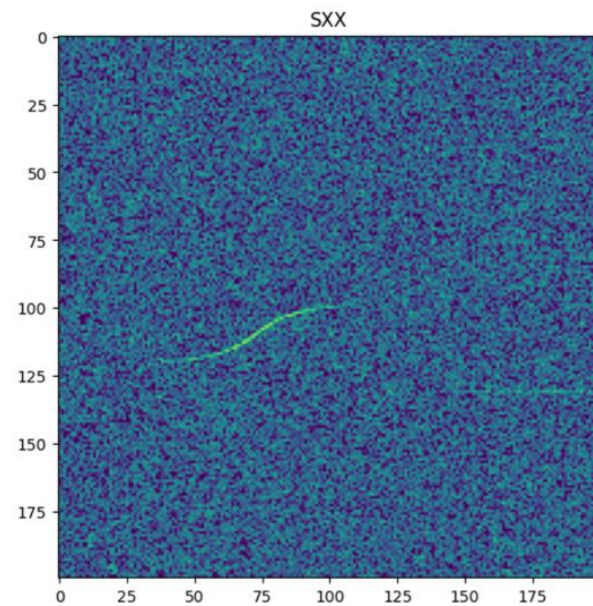
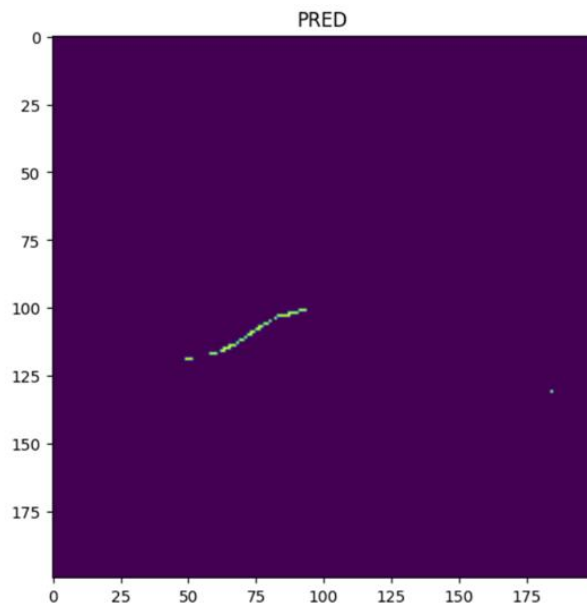
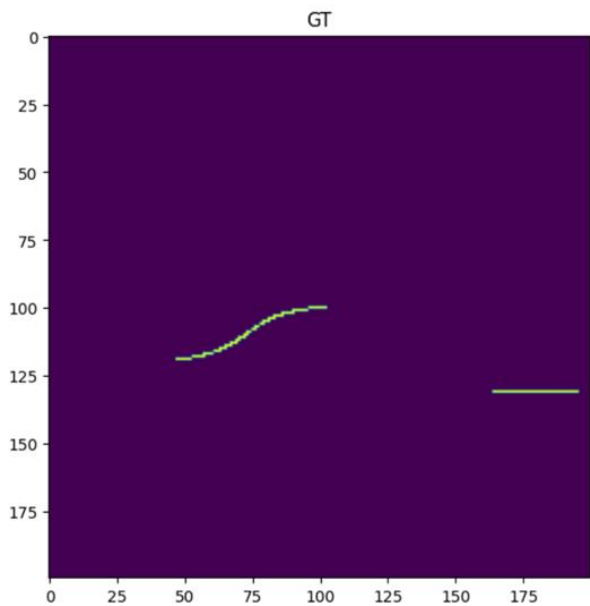
$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 2$



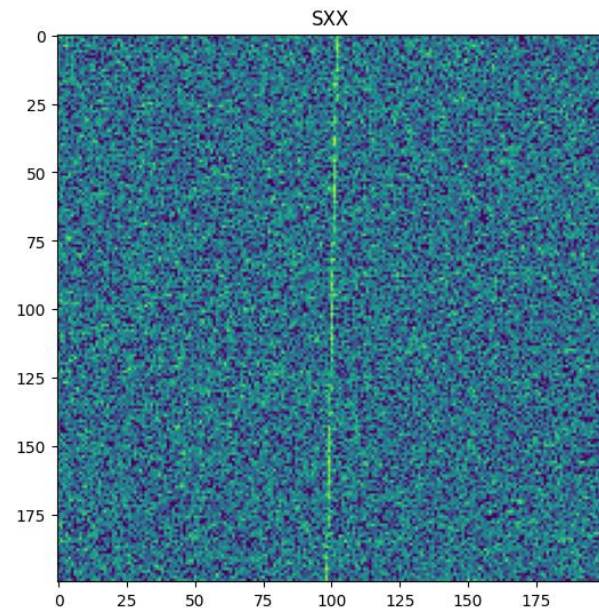
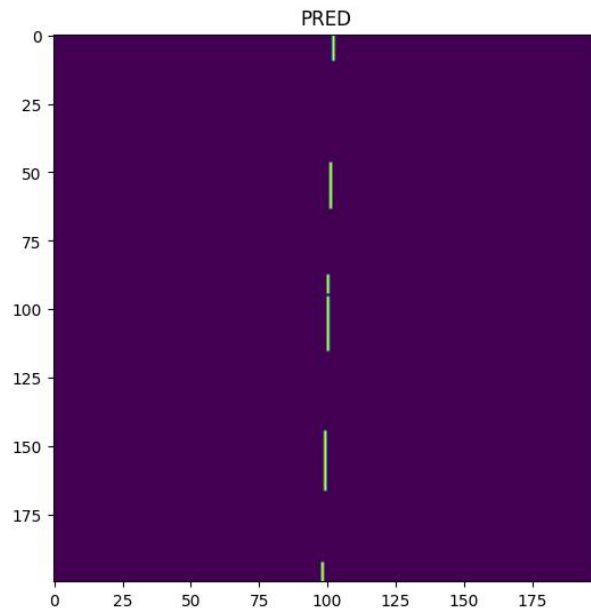
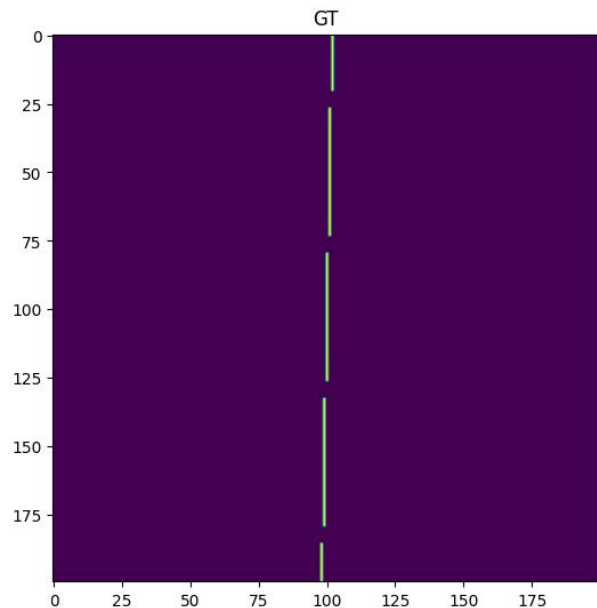
$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 2$



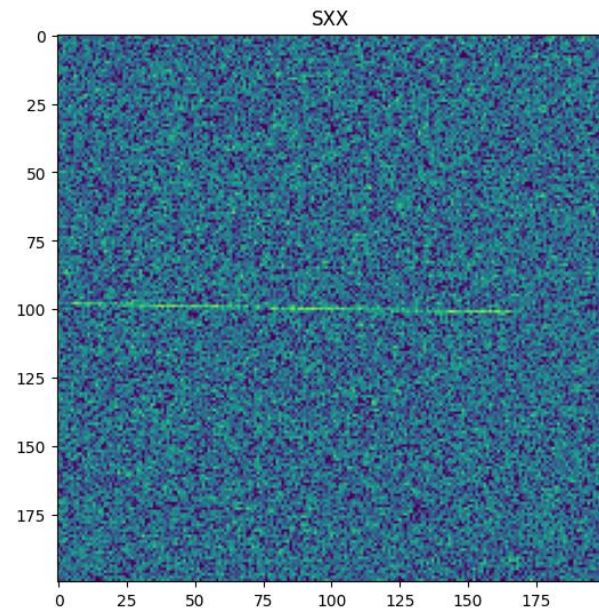
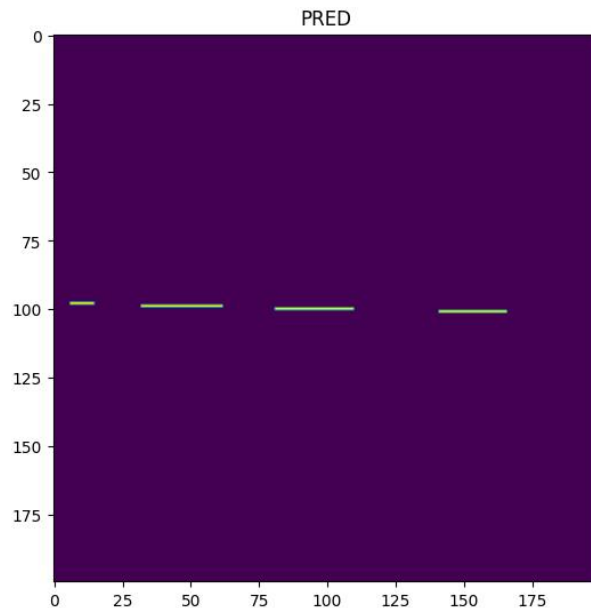
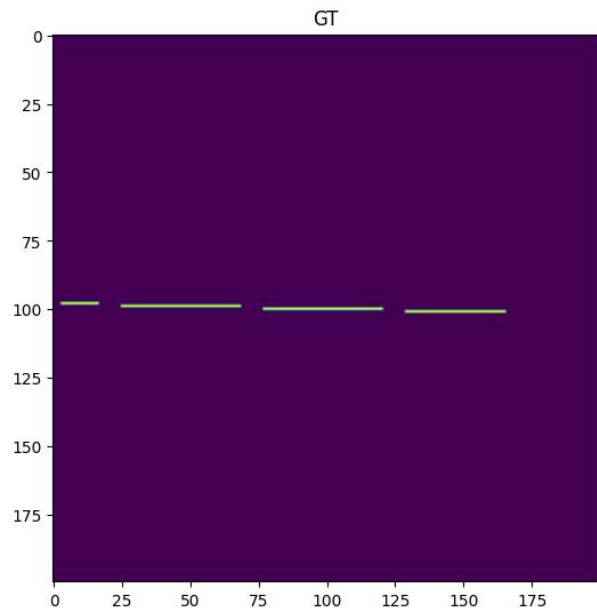
$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 2$



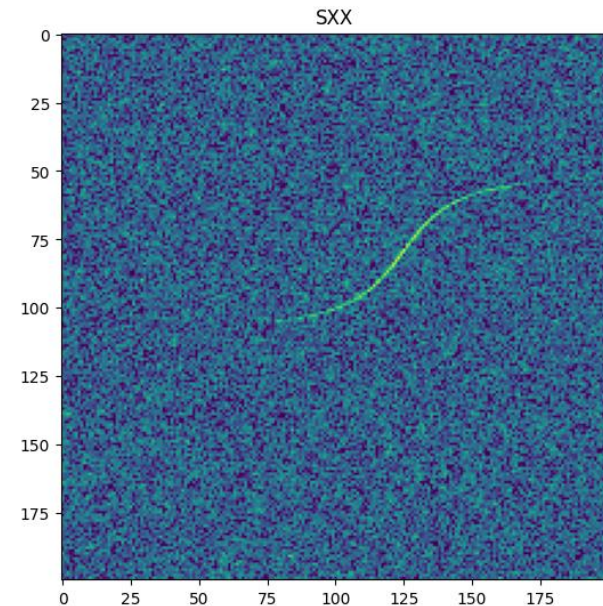
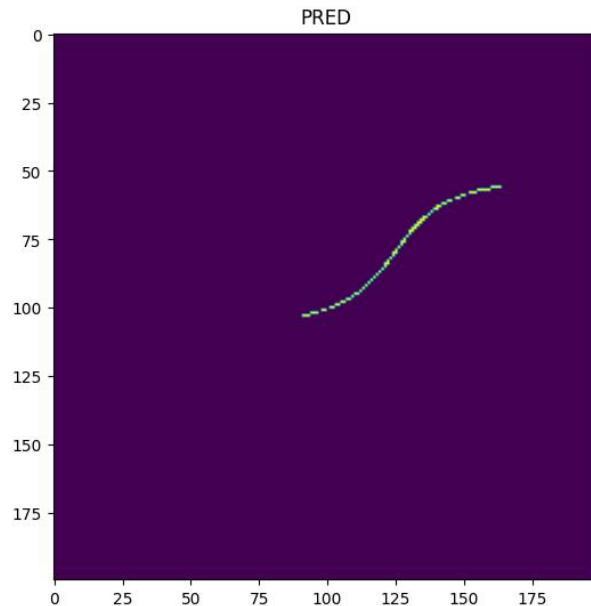
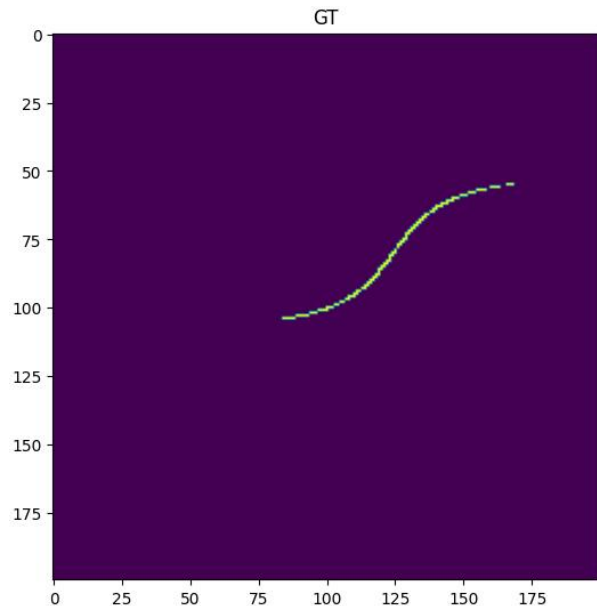
$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 4$



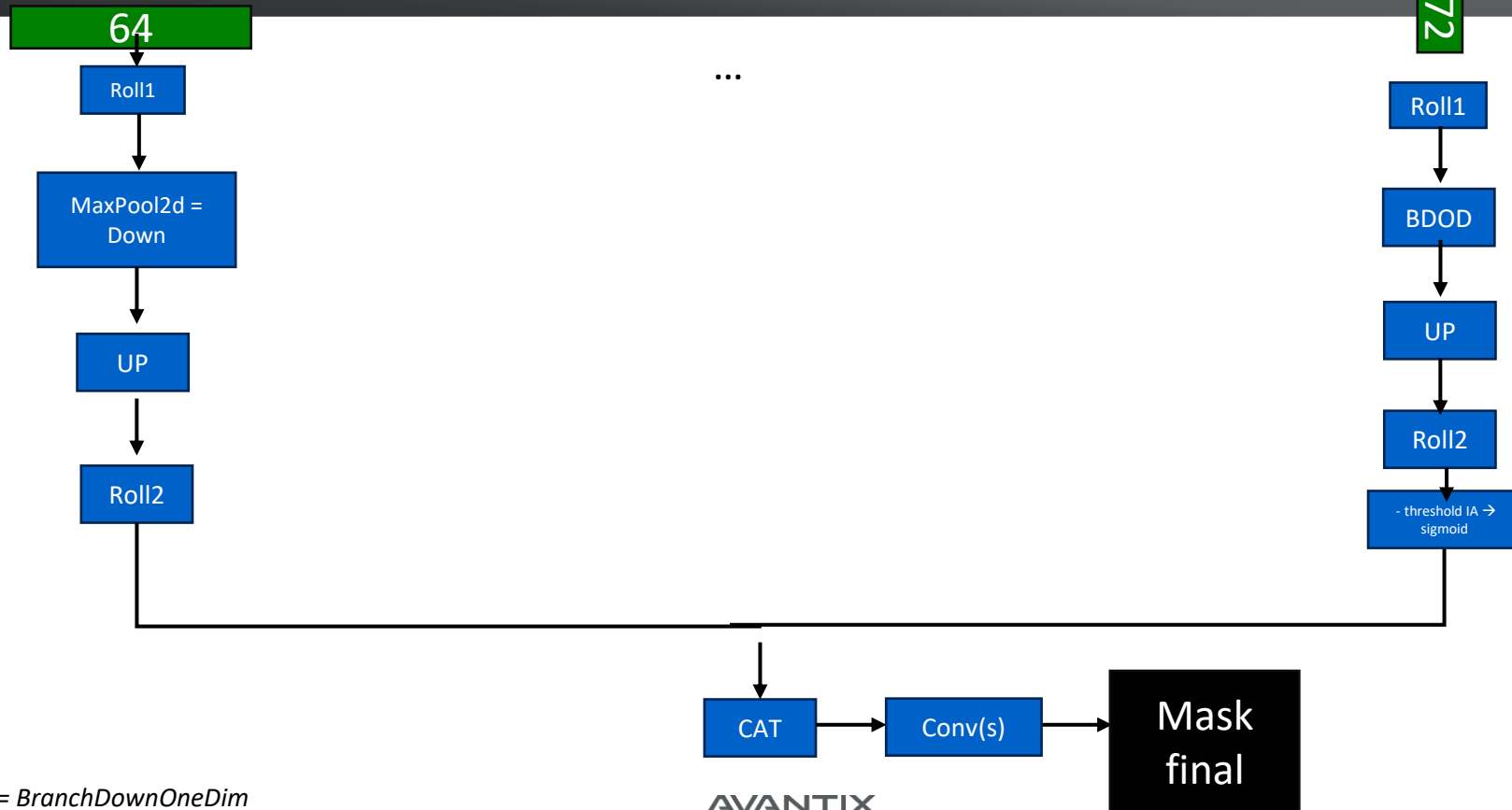
$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 4$



$N_{\text{perseg}} = 4096$ $n_{\text{couches}} = 4$



Construction INPUT



BDOD = BranchDownOneDim

AVANTIX

MERCI