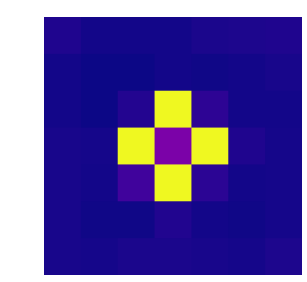
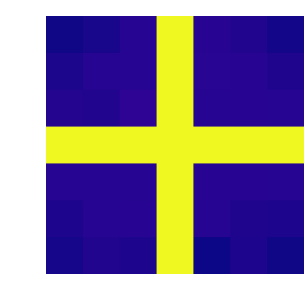
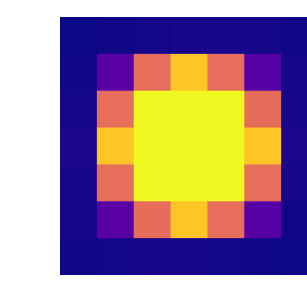
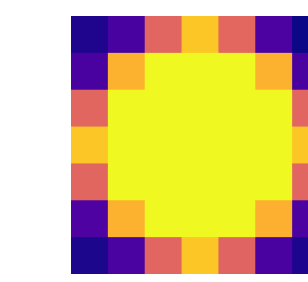
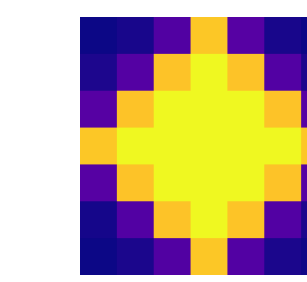
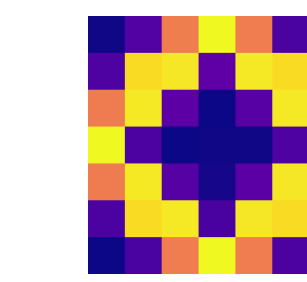
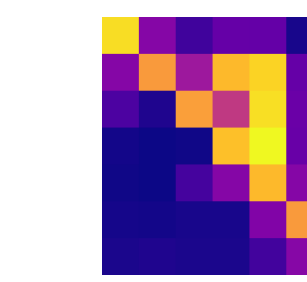
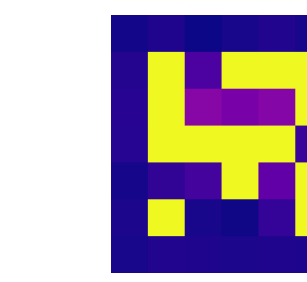
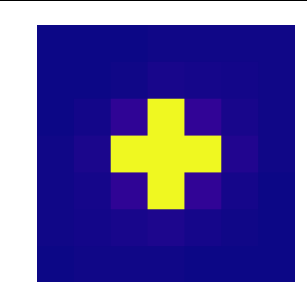
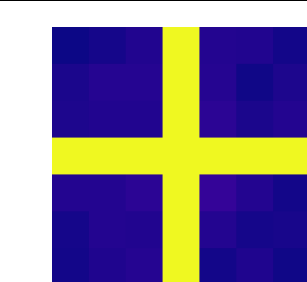
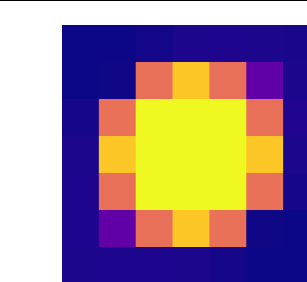
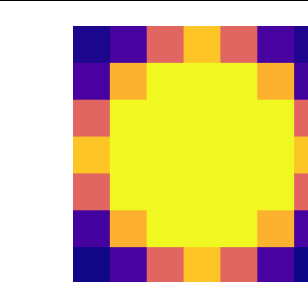
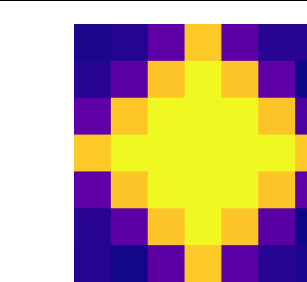
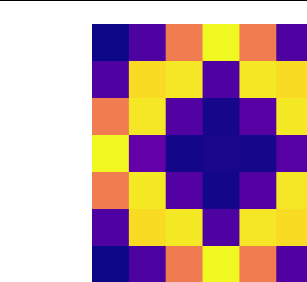
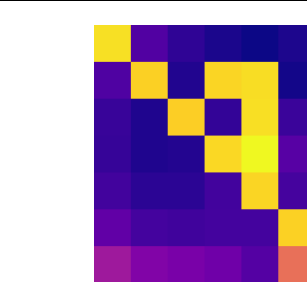
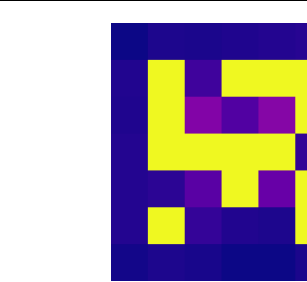


Opération : **érosion**
Jeu : **MNIST**



<i>SMorph</i>	<i>w</i>								
	α	-37.10 ± 0.02	-31.21 ± 0.003	-33.67 ± 0.02	-30.87 ± 0.02	-37.34 ± 0.02	-25.92 ± 0.008	-22.93 ± 0.51	-31.22 ± 0.006
	RMSE	$0.11 \pm 1 \times 10^{-3}$	$0.03 \pm 5 \times 10^{-3}$	$0.02 \pm 3 \times 10^{-4}$	$0.007 \pm 3 \times 10^{-3}$	$0.02 \pm 7 \times 10^{-3}$	$0.01 \pm 2 \times 10^{-3}$	$0.06 \pm 4 \times 10^{-4}$	$0.07 \pm 6 \times 10^{-3}$
	LOSS	$2.4 \times 10^{-5} \pm 9 \times 10^{-7}$	$9.2 \times 10^{-7} \pm 5 \times 10^{-7}$	$1.8 \times 10^{-6} \pm 9 \times 10^{-7}$	$1.1 \times 10^{-6} \pm 1 \times 10^{-6}$	$8.8 \times 10^{-7} \pm 6 \times 10^{-7}$	$2.3 \times 10^{-6} \pm 9 \times 10^{-7}$	$1.9 \times 10^{-6} \pm 5 \times 10^{-7}$	$1.2 \times 10^{-6} \pm 7 \times 10^{-7}$
	EPOCHS	36 ± 7	37 ± 6	34 ± 5	32 ± 4	36 ± 6	53 ± 5	38 ± 9	41 ± 6

<i>SMorphTanh</i>	<i>w</i>								
	α	-37.66 ± 0.03	-31.20 ± 0.006	-33.98 ± 0.03	-30.87 ± 0.03	-37.36 ± 0.008	-25.88 ± 0.04	-1.77 ± 0.004	-31.21 ± 0.009
	RMSE	$0.02 \pm 3 \times 10^{-4}$	$0.03 \pm 2 \times 10^{-3}$	$0.03 \pm 5 \times 10^{-4}$	$0.008 \pm 3 \times 10^{-3}$	$0.02 \pm 2 \times 10^{-3}$	$0.01 \pm 3 \times 10^{-3}$	$0.14 \pm 1 \times 10^{-3}$	$0.08 \pm 6 \times 10^{-3}$
	LOSS	$3.4 \times 10^{-6} \pm 2 \times 10^{-7}$	$9.6 \times 10^{-7} \pm 4 \times 10^{-7}$	$1.9 \times 10^{-6} \pm 5 \times 10^{-7}$	$1.3 \times 10^{-6} \pm 8 \times 10^{-7}$	$1.1 \times 10^{-6} \pm 9 \times 10^{-7}$	$1.8 \times 10^{-6} \pm 8 \times 10^{-7}$	$1.2 \times 10^{-4} \pm 1 \times 10^{-6}$	$1.4 \times 10^{-6} \pm 9 \times 10^{-7}$
	EPOCHS	31 ± 3	33 ± 3	37 ± 5	35 ± 5	42 ± 4	42 ± 6	32 ± 6	38 ± 4