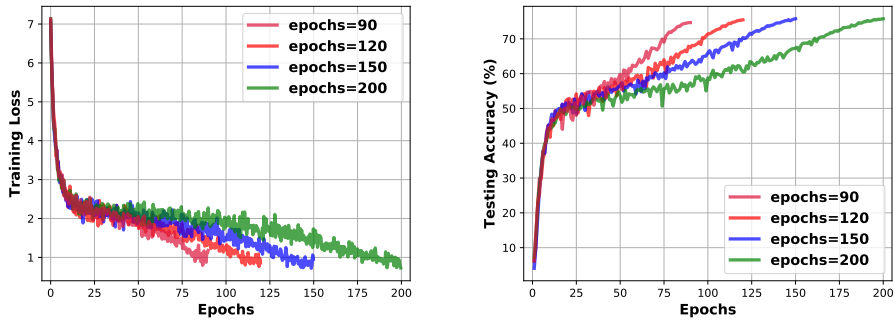


(a) Training Loss (b) Testing Accuracy
 Figure 6: Training epochs comparison in Table 5 using ResNet-18 trained on ImageNet



(a) Training Loss (b) Testing Accuracy
 Figure 7: Training epochs comparison in Table 5 using ResNet-50 trained on ImageNet

308 **A Open-source code**

309 Official implementation code and pre-trained checkpoints will open-source online soon.

310 **B Ablation study for training epochs**

311 Table 5 updates the experiment results in Table 4 of section 5.3, and the training losses and testing
 312 accuracies for the ResNet-18 and ResNet-50 experiments in the Table are visualized in Fig. 6 and 7,
 313 respectively.

Table 5: Training epochs comparisons using ResNets trained on ImageNet

Experiments	Accuracy	$\mathcal{R}_{\text{sparse}}$ α	Epochs				
			90	120	150	180	200
ResNet-18	Top-1	1e-5	68.45	69.24	69.28	69.63	69.83
ImageNet	Top-5		88.35	88.77	88.93	89.16	89.23
ResNet-50	Top-1	1e-5	74.67	75.47	75.76	/	75.75
ImageNet	Top-5		92.27	92.60	92.72	/	92.80