

Table 7: Performance comparison of LRU (Orieto et al. (2023)) and SKOLR on non-linear dynamical systems (NLDS)

Dataset	SKOLR		KooPA		LRU	
	MSE	MAE	MSE	MAE	MSE	MAE
Pendulum	0.0001	0.0083	0.0039	0.0470	0.0572	0.0242
Duffing	0.0047	0.0518	0.0365	0.1479	0.0573	0.5970
Lotka-Volterra	0.0018	0.0354	0.0178	0.1050	0.2058	0.3779
Lorenz '63	0.9740	0.7941	1.0937	0.8325	1.1905	0.8932