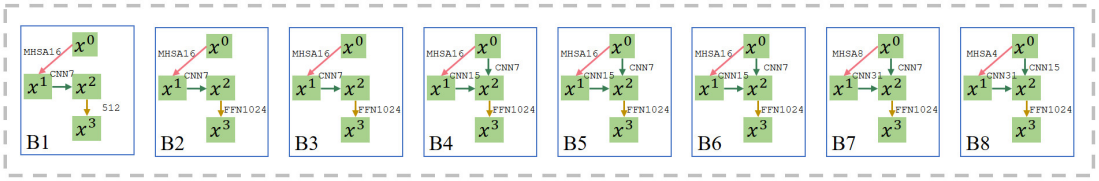
	Aishell-1			HKUST		LibriSpeech100					Hub5' 00		
	#Params(M)	dev	test	#Params(M)	dev	#Params(M)	dev clean	dev other	test clean	test other	#Params(M)	swbd	callhm
Transformer	12.47	5.7	6.3	12.47	23.5	12.47	10.3	23.0	11.1	24.1	12.47	8.4	17.0
Conformer	13.06	5.3	5.9	13.06	21.7	13.06	9.3	21.7	9.5	22.1	13.06	8.1	16.2
Lite Transfomer	11.31	5.6	6.2	11.31	21.6	11.31	9.1	21.6	9.3	22.4	11.31	8.2	16.5
Random Search	12.20	5.2	5.9	12.23	22.4	12.57	10.3	22.8	10.7	23.7	12.35	8.3	16.5
SCA(η=0.1)	10.41	**4.8**	**5.2**	10.88	**21.0**	10.55	**9.0**	**21.3**	**9.2**	**21.5**	12.35	**7.9**	**15.7**

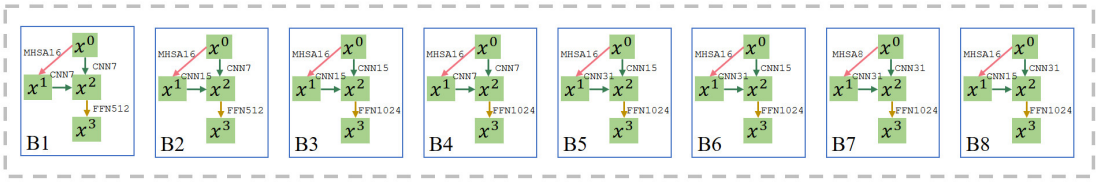
In this table, we show the results(CER/WER) of the human-designed baselines and SCA over four benchmarks.

For SCA, we set η=0.1 by default and show the searched architectures as follow:

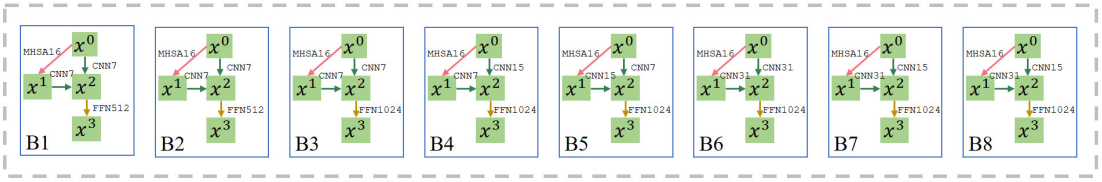
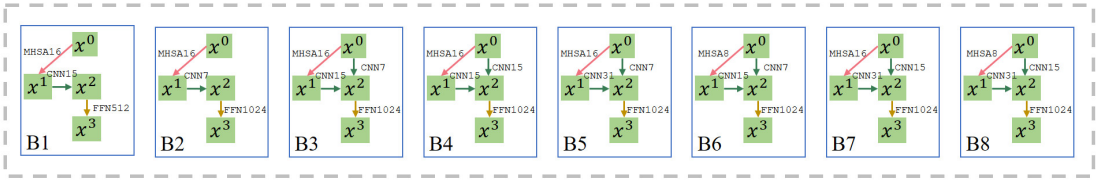
Aishell-1:



HKUST:



LibriSpeech100:



SWBD: