



	l_loss: 1 ch 23/30 [====== l_loss: 1 ch 24/30 [======	.2518 - vai	L_acc: (====== L_acc: (=======	0.9231 =====] - 0.9231 =====] -	0s (6ms/step	loss:	3.3114e-10 - 2.3180e-09 - 9.0730e-08 -	acc:	1.0000 -
8/8 loss Epoc 8/8 val Epoc 8/8 val	s: 1.4592 ch 26/30 [====== L_loss: 1 ch 27/30 [====== L_loss: 1 ch 28/30	- val_acc 	: 0.8718 L_acc: (L_acc: (3 =====] - 0.8718 =====] - 0.8974	0s !	5ms/step	loss:	0.1364 - acc 4.2795e-05 - 2.0980e-05 - 1.3201e-05 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 29/30 [====== L_loss: 1 ch 30/30 [====== L_loss: 1 ch 1/30 [======	.3363 - val	L_acc: (L_acc: (L_acc: (0.8974 =====] - 0.8974 =====] - 0.8974	0s 4	4ms/step	loss:	8.3861e-06 - 5.1813e-06 - 3.7567e-06 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 2/30 [======= l_loss: 1 eh 3/30 [======= l_loss: 1 eh 4/30 [======= l_loss: 1	.2312 - vai	- L_acc: (L_acc: (=====] - 0.8974 =====] - 0.9231 =====] -	0s '	7ms/step	loss:	2.6714e-06 - 1.7834e-06 - 1.2536e-06 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	L_loss: 1 ch 6/30 [======= L_loss: 1 ch 7/30 [====== L_loss: 1 ch 8/30	.1444 - vai	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s 8	8ms/step	loss:	8.8677e-07 - 5.6789e-07 - 4.0465e-07 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 9/30 [====== L_loss: 1 ch 10/30 [====== L_loss: 1 ch 11/30 [======	.0819 - val	L_acc: (L_acc: (L_acc: (0.9231 	0s .	7ms/step 13ms/step -	loss:	2.8445e-07 - 1.8974e-07 - 1.3345e-07 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 12/30 [======= l_loss: 1 ch 13/30 [======= l_loss: 1 ch 14/30 [======= l_loss: 1	.0417 - vai	- L_acc: (L_acc: (=====] - 0.9231 =====] - 0.9487 =====] -	0s '	7ms/step	loss:	6.1591e-08 - 4.5035e-08 - 3.1789e-08 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	L_loss: 1 ch 16/30 [====== L_loss: 1 ch 17/30 [====== L_loss: 1 ch 18/30	.0279 - val	L_acc: (L_acc: (L_acc: (0.9487 =====] - 0.9487 =====] - 0.9487	0s (6ms/step	loss:	2.1855e-08 - 1.5563e-08 - 1.0596e-08 - 42e-09 - acc	acc:	1.0000 -
s/st Epoc 8/8 val Epoc 8/8 val Epoc 8/8	cep - los ch 19/30 [====== l_loss: 1 ch 20/30 [====== l_loss: 1 ch 21/30 [======	s: 6.6227e- 	-09 - ad L_acc: (L_acc: (ec: 1.0000] - 0.9487] - 0.9487	0s 7	val_loss: 1 7ms/step 8ms/step	.0299 loss: loss:	- val_acc: 0 4.3048e-09 - 3.6425e-09 -	acc: :	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 22/30 [======= l_loss: 1 Eh 23/30 [======= l_loss: 1 Eh 24/30 [=======	.0291 - val		=====] - 0.9487 =====] - 0.9487 =====] -	0s 8	8ms/step	loss:	1.6557e-09 - 6.6227e-10 - 3.3114e-10 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 26/30 [====== L_loss: 1 ch 27/30 [====== L_loss: 1 ch 28/30 [======	.0288 - val	L_acc: (L_acc: (L_acc: (0.9487 =====] - 0.9487 =====] - 0.9487 =====] -	0s (6ms/step 8ms/step	loss:	3.3114e-10 - 3.3114e-10 - 0.0000e+00 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val	Eh 29/30 [======= l_loss: 1 Eh 30/30 [======= l_loss: 1 Eh 1/30 [======= l_loss: 1	.0257 - val	- L_acc: (L_acc: (] - 0.9487] - 0.9487	0s (6ms/step	loss:	0.0000e+00 - 0.0000e+00 - 3.3114e-10	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	l_loss: 1 ch 3/30 [====== l_loss: 1 ch 4/30 [====== l_loss: 1 ch 5/30	.0075 - val	L_acc: (L_acc: (L_acc: (0.9487 =====] - 0.9487 =====] - 0.9487	0s :	11ms/step - 9ms/step -	loss:	3.3114e-10 - 0.0000e+00 -	- acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 6/30 [====== L_loss: 1 ch 7/30 [====== L_loss: 1 ch 8/30 [======	.0194 - val	L_acc: (0.9487 =====] - 0.9487 =====] - 0.9487 =====] -	0s (6ms/step 8ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 9/30 [======= l_loss: 1 Eh 10/30 [======= l_loss: 1 Eh 11/30 [=======	.0503 - val	- L_acc: (L_acc: (0s !	9ms/step	loss:	0.0000e+00 - 3.3114e-10 - 9.9341e-10 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	[====== l_loss: 0 ch 13/30 [====== l_loss: 0 ch 14/30 [====== l_loss: 1 ch 15/30	.9854 - val	L_acc: (L_acc: (L_acc: (0.9487 =====] - 0.9487 =====] - 0.9487	0s :	9ms/step 10ms/step -	loss:	1.6557e-09 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 _los Epoc 8/8 val	Eh 16/30 [======= l_loss: 2 ch 17/30 [======= ss: 0.956 ch 18/30 [======= l_loss: 1	.2725 - val ====================================	 L_acc: (======= c: 0.923	=====] - 0.8718 =====] - 31	0s :	13ms/step -	loss:	1.0928e-08 - 0.1531 - acc	c: 0.9°	778 – val
8/8 val Epoc 8/8 val Epoc 8/8 val	L_loss: 1 ch 20/30 [====== L_loss: 1 ch 21/30 [====== L_loss: 0 ch 22/30	.0045 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s (6ms/step 7ms/step	loss:	4.1975e-06 - 3.3386e-06 - 2.8544e-06 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 0 ch 23/30 [====== L_loss: 0 ch 24/30 [====== L_loss: 1 ch 25/30 [======	.9974 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s :	11ms/step - 10ms/step -	loss:	2.4298e-06 - 1.9857e-06 - 1.5673e-06 -	- acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 26/30 [======= l_loss: 1 Eh 27/30 [======= l_loss: 1 Eh 28/30 [=======	.0211 - val	- L_acc: (L_acc: (] - 0.9231] - 0.9231	0s 9	9ms/step	loss:	8.5725e-07 - 5.9469e-07 - 4.2748e-07 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 30/30 [======= L_loss: 1 ch 1/30 [======= L_loss: 1 ch 2/30 [======	.0345 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.8974 =====] - 0.9231 =====] -	0s 8	8ms/step 13ms/step -	loss:	3.0067e-07 - 2.2385e-07 - 1.6325e-07 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 3/30 [======= L_loss: 1 Eh 4/30 [======= L_loss: 1 Eh 5/30 [=======	.0610 - val	- L_acc: (L_acc: (0s '	7ms/step	loss:	5.6293e-08 - 3.8081e-08 - 2.6822e-08 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 7/30 [======= L_loss: 1 ch 8/30 [======= L_loss: 1 ch 9/30 [======	.0749 - val	L_acc: (L_acc: (L_acc: (0.9231 	0s .	7ms/step	loss:	2.0530e-08 - 1.4901e-08 - 1.1590e-08 - 6.9539e-09 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 10/30 [======= L_loss: 1 Eh 11/30 [======= L_loss: 1 Eh 12/30 [=======	.0770 - vai	- L_acc: (L_acc: (0s !	9ms/step	loss:	5.9605e-09 - 3.6425e-09 - 2.3180e-09 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	[====== l_loss: 1 ch 14/30 [====== l_loss: 1 ch 15/30 [====== l_loss: 1 ch 16/30	.0485 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s ! 0s .	5ms/step	loss:	1.6557e-09 - 9.9341e-10 - 6.6227e-10 - 0.0000e+00 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 17/30 [====== L_loss: 1 ch 18/30 [====== L_loss: 1 ch 19/30 [======	.0456 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s :	9ms/step 11ms/step -	loss:	0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	L_loss: 1 ch 21/30 [====== L_loss: 1 ch 22/30 [====== L_loss: 1 ch 23/30	.0394 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s :	10ms/step -	loss:	0.0000e+00 - 0.0000e+00 -	- acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	[=====================================	.0471 - val	L_acc: (L_acc: (L_acc: (0.9231 	0s 8	8ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 27/30 [====== L_loss: 1 ch 28/30 [====== L_loss: 1 ch 29/30 [====== L_loss: 1 ch 30/30	.0468 - val	L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231	0s 0s	7ms/step 7ms/step 5ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 - 1.0000 - 1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val	[=====================================	.0438 - val	L_acc: (L_acc: (L_acc: (0.9231 	0s 3	35ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	- acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 4/30 [======= L_loss: 1 ch 5/30 [====== L_loss: 1 ch 6/30 [======= L_loss: 1 ch 7/30	.0554 - val	L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231	0s 7	7ms/step 7ms/step 8ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 - 1.0000 - 1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 7/30 [===================================	.0671 - val			0s .	7ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 11/30 [====== L_loss: 1 ch 12/30 [====== L_loss: 1 ch 13/30 [====== L_loss: 1 ch 14/30	.0728 - val	L_acc: (L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9487 =====] - 0.9231	0s 8	8ms/step 8ms/step	loss:	0.0000e+00 - 6.6227e-10 - 9.9341e-10 -	acc:	1.0000 - 1.0000 - 1.0000 -
Epoc 8/8 loss Epoc 8/8 val Epoc 8/8	Eh 14/30 [====== s: 1.5205 ch 15/30 [====== l_loss: 1 ch 16/30 [====== l_loss: 1 ch 17/30 [=======	- val_acc .4960 - val		=====] - 4 =====] - 0.8974 =====] - 0.8974	0s !	9ms/step	loss:	0.5823 - acc 9.7881e-05 - 3.2347e-05 - 1.9939e-05 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 18/30 [======= l_loss: 1 Eh 19/30 [======= l_loss: 1 Eh 20/30 [======= l_loss: 1	.4665 - vai	- L_acc: (L_acc: (0s !	9ms/step	loss:	1.3134e-05 - 8.3827e-06 - 5.7526e-06 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val	l_loss: 1 ch 22/30 [====== l_loss: 1 ch 23/30 [====== l_loss: 1 ch 24/30	.4343 - val	L_acc: (======= L_acc: (======= L_acc: (0.8974 =====] - 0.8974 =====] - 0.8974	0s 8	8ms/step	loss:	3.6993e-06 - 2.6017e-06 - 1.8625e-06 - 1.2884e-06 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8	Eh 25/30 [======= l_loss: 1 Eh 26/30 [======= l_loss: 1 Eh 27/30 [=======	.3895 - vai	- L_acc: (L_acc: (0s (6ms/step	loss:	9.1456e-07 - 6.2385e-07 - 4.3743e-07 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	[=====================================	.3379 - val	L_acc: (L_acc: (L_acc: (0.8974 =====] - 0.8974 =====] - 0.8974	0s (6ms/step 8ms/step	loss:	2.8974e-07 - 2.1524e-07 - 1.5000e-07 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val	Eh 2/30 [======= l_loss: 1 ch 3/30 [======= l_loss: 1 ch 4/30 [======= l_loss: 1 ch 5/30	.2561 - val		=====] - 0.9231 =====] - 0.9231 =====] - 0.9231	0s 0	6ms/step 21ms/step -	loss:	6.7883e-08 - 4.0067e-08 - 3.0133e-08	acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 6/30 [====== L_loss: 1 ch 7/30 [====== L_loss: 1 ch 8/30 [======	.2228 - val	L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s 7	7ms/step 12ms/step -	loss:	2.0862e-08 - 1.5232e-08 - 1.0928e-08 - 6.6227e-09 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	[=====================================	.1738 - val	L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s :	9ms/step 14ms/step -	loss:	5.6293e-09 - 3.9736e-09 - 1.9868e-09 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val	Eh 13/30 [======= l_loss: 1 eh 14/30 [====== l_loss: 1 eh 15/30 [======= l_loss: 1 eh 16/30	.1559 - val			0s :	11ms/step - 5ms/step -	loss:	6.6227e-10 - 6.6227e-10 - 0.0000e+00 -	- acc:	1.0000 -
val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 17/30 [====== L_loss: 1 ch 18/30 [====== L_loss: 1 ch 19/30 [======	.1355 - val	L_acc: (L_acc: (L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231 =====] -	0s 7	7ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	L_loss: 1 ch 21/30 [====== L_loss: 1 ch 22/30 [====== L_loss: 1 ch 23/30 [======	.1092 - val	L_acc: (0.9231 =====] - 0.9231 =====] - 0.9231	0s 8	8ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 -
Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val	Eh 24/30 [======= l_loss: 1 ch 25/30 [======= l_loss: 1 ch 26/30 [======= l_loss: 1 ch 27/30	.1014 - val	- L_acc: (L_acc: (=====] - 0.9231 =====] -	0s '	_	loss:	0.0000e+00 - 0.0000e+00 -		1.0000 -
Epoc 8/8 val	_		L_acc: (=====] - 0.9231		_		0.0000e+00 -		
8/8 val Epoc 8/8 val Epoc	L_loss: 1 ch 29/30 [====== L_loss: 1 ch 30/30 [====== L_loss: 1 ch 1/30	.1045 - val	L_acc: (=====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231	0s : 0s : 0s : 1	10ms/step - 7ms/step - 8ms/step -	loss: loss: loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc:	1.0000 - 1.0000 - 1.0000 -
8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8 val Epoc 8/8	[=====================================	.1045 - val	L_acc: (=====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.8974 =====] - 0.9231	0s 3 0s 3 0s 3 0s 3	10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step -	loss: loss: loss: loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 -
8/8 val Epoc	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1079 - val1218 - val1074 - val1074 - val1075 - val.	L_acc: (=====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.8974 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231 =====] - 0.9231	0s 3	10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step - 6ms/step - 5ms/step - 5ms/step -	loss: loss: loss: loss: loss: loss: loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 -	- acc: acc: acc: acc: acc: c: acc: acc: a	1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 -
8/8 val Epoc 8/8 val	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1079 - val1218 - val1218 - val222 - val233 - val334 - val44678 - val4678 - val.	L_acc: (=====] - 0.9231 =====] - 0.9231	0s 3	10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step - 6ms/step - 5ms/step - 7ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step -	loss: loss: loss: loss: loss: loss: loss: loss: loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 -
8/8 val Epoc 8/8	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1023 - val1079 - val1218 - val1218 - val4862 - val4862 - val4765 - val4765 - val4765 - val47678 - val4372 - val.	L_acc: (=====] - 0.9231 ======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 ====================================		10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step - 6ms/step - 5ms/step - 7ms/step - 7ms/step - 8ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 -
8/8	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1079 - val1079 - val1079 - val1218 - val4948 - val.	L_acc: (=====] - 0.9231 ======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 ====================================		10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step - 6ms/step - 5ms/step - 7ms/step - 7ms/step - 8ms/step - 7ms/step - 7ms/step - 8ms/step - 9ms/step - 9ms/step - 8ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 1.0497e-06 - 2.5349e-06 - 1.1108e-06 - 7.0592e-07 - 3.4271e-07 - 2.2451e-07 - 2.2451e-07 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 - 1.0000 -
8/8	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1023 - val1079 - val1079 - val1218 - val4074 - val4483 - val44678 - val44765 - val.	L_acc: (=====] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 ======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 =======] - 0.9231 ====================================		10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 7ms/step - 6ms/step - 5ms/step - 7ms/step - 8ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 8ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.6613e-06 - 1.1108e-06 - 7.0592e-07 - 3.4271e-07 - 3.4271e-07 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
8/8	[=====================================	.1045 - val1021 - val1029 - val1022 - val1023 - val1023 - val1079 - val1079 - val1079 - val1218 - val1218 - val4254 - val44678 - val44765 - val4483 - val4372 - val4372 - val33778 - val.	L_acc: (10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 6ms/step - 6ms/step - 5ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 8ms/step - 9ms/step - 8ms/step - 7ms/step - 8ms/step - 7ms/step - 8ms/step - 7ms/step - 10ms/step - 10ms/step - 10ms/step - 10ms/step - 10ms/step - 10ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.6613e-06 - 1.1108e-06 - 1.5365e-07 - 1.5365e-07 - 1.0828e-07 - 6.5896e-08 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
8/8		.1045 - vai .1021 - vai .1029 - vai .1029 - vai .1022 - vai .0997 - vai .1023 - vai .1079 - vai .1079 - vai .1218 - vai .0074 - vai .1218 - vai .4483 - vai .4765 - vai	L_acc: (10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 6ms/step - 6ms/step - 5ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 10ms/step - 8ms/step - 10ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 1.6613e-06 - 1.6613e-06 - 1.1108e-06 - 1.5365e-07 - 1.0828e-07 - 3.4271e-07 - 1.5365e-07 - 1.5365e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 1.5365e-08 - 3.2451e-08 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
8/8		.1045 - vai .1021 - vai .1029 - vai .1029 - vai .1022 - vai .0997 - vai .1023 - vai .1079 - vai .1079 - vai .1218 - vai .1218 - vai .44862 - vai .4948 - vai .4948 - vai .4765 - vai .3778 - vai .33778 - vai	L_acc: (10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 6ms/step - 6ms/step - 5ms/step - 7ms/step - 8ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 10ms/step - 9ms/step - 10ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 3.3114e-10 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.6613e-06 - 1.1108e-06 - 7.0592e-07 - 4.7251e-07 - 3.4271e-07 - 1.5365e-07 - 1.0828e-07 - 1.0828e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 1.5365e-08 - 3.2451e-08 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
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8		.1045 - vai .1047 - vai .1021 - vai .1029 - vai .1029 - vai .1029 - vai .1022 - vai .0997 - vai .1023 - vai .1023 - vai .1079 - vai .1218 - vai .1218 - vai .1218 - vai .4948 - vai .4023 - vai .4023 - vai .33778 - vai .3485 - vai .3495 - vai .3497 - vai	L_acc: (10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 15ms/step - 6ms/step - 6ms/step - 7ms/step - 8ms/step - 8ms/step - 8ms/step - 10ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/step - 10ms/step - 8ms/step - 10ms/step - 10ms/step - 8ms/step - 9ms/step - 10ms/step - 10ms/step - 10ms/step - 8ms/step - 10ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.3908e-08 - 1.0497e-05 - 6.7998e-06 - 1.0497e-05 - 6.7998e-06 - 1.0497e-07 - 1.6613e-06 - 1.1108e-06 - 1.1108e-06 - 1.1259e-07 - 1.5365e-07 - 1.5232e-08 - 1.6557e-09 - 3.9736e-09 - 3.9736e-09 - 1.6557e-09 - 3.9736e-09 - 3.3114e-10 - 3.3114e-10 -	- acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
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8/8		.1045 - vai .1045 - vai .1045 - vai .1021 - vai .1029 - vai .1029 - vai .1022 - vai .1023 - vai .1079 - vai .1079 - vai .1218 - vai .1218 - vai .1218 - vai .1218 - vai .4462 - vai .4948 - vai .4948 - vai .4948 - vai .4978 - vai .4476 - vai .4478	L_acc: (10ms/step - 7ms/step - 8ms/step - 8ms/step - 15ms/step - 15ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 10ms/step -	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.3908e-08 - 1.0497e-05 - 1.0497e-05 - 1.0497e-05 - 1.0497e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.5365e-07 - 1.6557e-09 - 2.3180e-09 - 3.9736e-09 - 1.6557e-09 - 3.3114e-10 - 3.3114e-10 - 0.0000e+00 -	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0000 -
8/88		.1045 - va .1045 - va .1021 - va .1021 - va .1029 - va .1023 - va .1023 - va .1023 - va .1023 - va .1079 - va .1218 - va .2014 - va .44948 - va .44948 - va .44948 - va .44765 - va .4678 - va .4678 - va .4678 - va .4476 -	L_acc: ()			10ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 7ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 9ms/step - 10ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/step - 8ms/step - 8ms/step - 7ms/step - 10ms/step - 10ms	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e+08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.5365e-07 - 1.0828e-07 - 1.0828e-07 - 1.0828e-07 - 1.5365e-07 - 1.0828e-07 - 2.2451e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 3.314e-10 - 0.0000e+00 -	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
8/8		.1045 - va .1045 - va .1021 - va .1021 - va .1022 - va .1022 - va .1023 - va .1023 - va .1023 - va .1079 - va .1079 - va .1079 - va .1218 - va .1218 - va .4948 - va .3476 - va .4476 - va .4476 - va .4476 - va .4476 - va .3370 - va .3370 - va .3370 - va .3370 - va .3377 - va .3379 - va .2983 - va .3114 - va .3378 - va .3379 - va .3379 - va .3114 - va .2983 - va .3114 - va .3297 - va .3297 - va .3297 - va .3298 - va .3114 - va .3298 - va .3298 - va .3297 - va .3298 - va .3299 - va	Lac: (Lac: (0.9231 -		10ms/step - 7ms/step - 7ms/step - 8ms/step - 15ms/step - 15ms/step - 6ms/step - 6ms/step - 5ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 10ms/step - 9ms/step - 10ms/step - 10ms/step - 8ms/step - 8ms/step - 10ms/step - 10ms/step - 10ms/step - 8ms/step - 8ms/step - 10ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.314e+10 - 1.3908e+08 - 1.3908e+08 - 1.0497e+05 - 1.0497e+05 - 1.0497e+05 - 1.0497e+06 - 1.1108e+06 - 1.1108e+06 - 1.1108e+06 - 1.1108e+06 - 1.3349e+07 - 1.5365e+07 - 1.5365e+07 - 1.5365e+07 - 1.5365e+07 - 1.5365e+07 - 1.5365e+07 - 1.6557e+09 - 2.3180e+09 - 3.2451e+00 - 3.3114e+10 - 3.3114e+10 - 3.3114e+10 - 3.3114e+10 - 0.0000e+00 -	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
8/88		.1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1079 - va1079 - va1218 - va1218 - va1218 - va1218 - va44678 - va4948 - va4948 - va4948 - va4948 - va4948 - va4947 - va4023 - va4476 - va4476 - va4254 - va3377 - va3277 - va3277 - va3277 - va2277 - va.	L_acc: () L_acc:	0.9487 0		10ms/step - 7ms/step - 7ms/step - 8ms/step - 15ms/step - 7ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 10ms/step - 9ms/step - 10ms/step - 10ms/st	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.3908e-08 - 1.0497e-05 - 6.7998e-06 - 1.0497e-05 - 6.7998e-06 - 1.6613e-06 - 1.1108e-06 - 1.1108e-06 - 1.5365e-07 - 1.6557e-09 - 3.2451e-08 - 4.5366e-08 - 3.2451e-08 - 4.5366e-08 - 3.2451e-08 - 6.9539e-09 - 1.6557e-09 - 3.3114e-10 - 3.3114e-10 - 0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
8/8		.1021 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1023 - va1024 - va1079 - va2070	Lace: (Lac	0.9231 0		10ms/step - 7ms/step - 7ms/step - 8ms/step - 15ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 10ms/step - 10ms	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.6613e-06 - 1.108e-06 - 1.108e-06 - 1.32451e-07 - 1.3365e-07 - 1.0828e-07 - 1.0828e-07 - 1.5365e-07 - 1.0828e-07 - 1.5365e-08 - 4.5366e-08 - 3.2451e-08 - 4.5366e-08 - 3.2451e-08 - 1.5232e-08 - 1.6557e-09 - 9.9341e-10 - 3.3114e-10 - 0.0000e+00 - 0.0000	- acc: a	1.0000 - 1.0
8/88		.1045 - va1021 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1029	Lace: () Lac			10ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 8ms/step - 8ms/step - 10ms/step - 8ms/step - 10ms/step - 8ms/step - 10ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 1.6613e-06 - 1.1108e-06 - 1.1108e-06 - 1.5365e-07 - 1.6557e-09 - 2.2451e-08 - 4.5322e-08 - 1.1259e-08 - 6.9539e-09 - 1.6557e-09 - 9.9341e-10 - 3.3114e-10 - 3.3114e-10 - 0.0000e+00 - 0.000	- acc: a	1.0000 - 1.0
8/8 Paper Paper		.1045 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1024 - va1027 - va1028 - va1029 - va4467 - va4468 - va4468 - va4578 - va4578 - va4578 - va3370 - va3370 - va3370 - va3370 - va3370 - va3370 - va3371 - va3371 - va3371 - va3371 - va3372 - va3373 - va3373 - va3373 - va3374 - va3375 - va3377 - va.	L_acc: () L_acc:			10ms/step - 7ms/step - 8ms/step - 9ms/step - 15ms/step - 16ms/step - 16ms/step - 16ms/step - 17ms/step - 18ms/step - 18ms/step - 10ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 0.3923 - acc 0.0054 - acc 3.4380e-05 - 1.0497e-05 - 6.7998e-06 - 4.0127e-06 - 2.5349e-06 - 4.0127e-06 - 1.6613e-06 - 1.1108e-06 - 7.0592e-07 - 4.7251e-07 - 1.6357e-07 - 1.6356e-08 - 4.5366e-08 - 1.1259e-08 - 1.6557e-09 - 9.9341e-10 - 3.3114e-10 - 3.3114e-10 - 0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
## ## ## ## ## ## ## ## ## ## ## ## ##		.1045 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1024 - va1024 - va1025 - va4048 - va4049	L acc: (L acc:	0.9487 0		10ms/step - 7ms/step - 8ms/step - 9ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/st	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3314e-10 - 1.3908e-08 - 1.0497e-05 - 1.0497e-05 - 1.0497e-05 - 1.0497e-06 - 2.5349e-06 - 4.0127e-06 - 2.5349e-06 - 1.1108e-06 - 7.0592e-07 - 4.7251e-07 - 3.4271e-07 - 3.4271e-07 - 3.4271e-07 - 1.5365e-07 - 1.0828e-07 - 1.0828e-07 - 1.0828e-07 - 1.0828e-07 - 1.0828e-09 - 1.3259e-08 - 1.1259e-08 - 1.5232e-08 - 1.1259e-08 - 1.6557e-09 - 9.9341e-10 - 3.3114e-10 - 0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
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### ### ### ### ### ### ### ### ### ##		.1045 - va1045 - va1047 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1023 - va1024 - va1025 - va1027 - va1028 - va1029		0.9487 0		10ms/step - 7ms/step - 7ms/step - 9ms/step - 15ms/step - 16ms/step - 16ms/step - 10ms/step	loss:	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.3908e-08 - 1.3908e-08 - 1.34380e-05 - 1.0497e-05 - 6.7998e-06 - 1.6613e-06 - 1.1108e-06 - 1.5365e-07 - 1.6557e-09 - 1.65	- acc: a	1.0000 - 1.0
Residence Resi		.1045 - va1021 - va1021 - va1029		0.9487 0		10ms/step - 7ms/step - 7ms/step - 9ms/step - 15ms/step	loss: loss	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.0497e-05 - 6.7938e-06 - 1.0497e-05 - 6.7938e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.1108e-06 - 1.1259e-07 - 1.6356e-07 - 1.6366e-08 - 1.5365e-07 - 1.6357e-09 - 1.6557e-09 - 1.655	- acc: a	1.0000 - 1.0
### ### ### ### ### ### ### ### ### ##		.1045 - va1047 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1024 - va1024 - va1025 - va4048 - va4467 - va4467 - va4467 - va4578 - va4678 - va4678 - va4678 - va4765 - va3370 - va3370 - va3370 - va3474 - va3474 - va3474 - va3474 - va3475 - va3476 - va3477 - va3477 - va2477 - va2477 - va2477 - va2577 - va3577 - va.		December December		10ms/step - 7ms/step - 7ms/step - 8ms/step - 9ms/step - 6ms/step - 7ms/step - 6ms/step - 7ms/step - 6ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 6ms/step - 7ms/step - 6ms/step - 7ms/step - 7ms/step - 6ms/step - 7ms/step - 6ms/step - 7ms/step -	loss: loss	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3908e-08 - 1.3908e-08 - 1.3908e-08 - 1.3908e-05 - 1.4047e-05 - 1.4047e-05 - 1.4047e-05 - 1.4047e-06 - 1.108e-06 - 1.108e-06 - 1.108e-06 - 1.108e-06 - 1.3421e-07 - 1.5365e-07 - 1.5366e-07 - 1.5366e-0	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
### ### ### ### ### ### ### ### ### ##				0.9487 0		10ms/step - 7ms/step - 7ms/step - 9ms/step - 15ms/step	loss: loss	0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
Section Sect		.1045 - va1047 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1023 - va1024 - va1027 - va1028 - va1029 - va2020 - va2021 - va2021 - va2021 - va2022 - va2022 - va2022 - va2023 - va2024 - va2025 - va2027 - va2029				10ms/step - 7ms/step - 7ms/step - 9ms/step - 10ms/step - 10ms/step - 7ms/step - 10ms/step	loss: loss	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3140e+00 - 1.3240e+05 - 1.4340e+05 - 1.6436e+06 - 1.6436e+06 - 1.6436e+06 - 1.5365e+07 - 1.6836e+08 - 1.5365e+07 - 1.6836e+08 - 1.5365e+07 - 1.6836e+08 - 1.5232e+08 - 1.6557e+09 - 1.655	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
SA		.1045 - Vai .1045 - Vai .1046 - Vai .1021 - Vai .1021 - Vai .1022 - Vai .1023 - Vai .1023 - Vai .1023 - Vai .1024 - Vai .1027 - Vai .1027 - Vai .1028 - Vai .1029				10ms/step - 7ms/step - 8ms/step - 9ms/step - 10ms/step	loss: loss	0.0000e+00 - 1.0100e 0.0000e+00 - 1.0100e 0.0000e+00 - 1.0100e+00 - 1.0200e+00 - 1.0303e-08 - 1.108e-06 - 1.1108e-06 - 1.1	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
## ## ## ## ## ## ## ## ## ## ## ## ##		.1045 - va1021 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1024 - va1024 - va1025 - va4468 - va4468 - va4578 - va4578 - va4578 - va4678 - va4678 - va4678 - va4678 - va4678 - va4765 - va4767 - va4767 - va3778 - va3779		Second S		10ms/step - 7ms/step - 8ms/step - 7ms/step - 7ms/step - 7ms/step - 7ms/step - 7ms/step - 7ms/step - 8ms/step - 7ms/step - 9ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/st		0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3140e-10 - 1.31410e-10 - 1.3140e-10 - 1.31	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
Section Sect						10ms/step = 7ms/step =	loss: loss	0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.3144e-10 - 1.3908e-08 - 1.0497e-05 - 1.0497e-05 - 1.0497e-05 - 1.0497e-06 - 1.108e-06 - 1.108e-06 - 1.108e-06 - 1.108e-06 - 1.108e-06 - 1.3342e-07 - 1.5365e-07 - 1.6557e-09 - 1.6557e-00 - 1.6000e-00 - 1.0000e-00 - 1.0000e-00 - 1.0000e-00 - 1.0000e-00 - 1.0000e-00	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
2 2 2 2 2 2 2 2 2 2		.1045 - va1045 - va1021 - va1021 - va1022 - va1023 - va1023 - va1023 - va1023 - va1024 - va1027 - va1028 - va1029 - va2020 - va2020 - va2021 - va2021 - va2021 - va2021 - va2022 - va2023 - va2024 - va2024 - va2025 - va2027 - va2027 - va2027 - va2029				10ms/step - 7ms/step - 8ms/step - 9ms/step - 6ms/step - 6ms/step - 6ms/step - 7ms/step - 6ms/step - 9ms/step - 9ms/step - 9ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/st		0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.3314e-10 - 1.3908e-08 - 0.3923 - acc 0.0034 - acc 1.0497e-05 - 6.7998e-06 - 1.0497e-05 - 6.7998e-06 - 1.0497e-05 - 6.7998e-06 - 1.1108e-06 - 1.2534e-06 - 1.1108e-06 - 1.2536e-07 - 1.5365e-07 - 1.6557e-09 - 1.6557e-09 - 1.6557e-09 - 1.6557e-09 - 1.6557e-09 - 1.6557e-09 - 1.0000e+00 - 0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
System S				Second S		10ms/step - 7ms/step - 8ms/step - 9ms/step - 6ms/step - 6ms/step - 7ms/step - 7ms/step - 7ms/step - 8ms/step - 8ms/step - 9ms/step - 9ms/step - 9ms/step - 9ms/step - 10ms/step - 10ms/ste		0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 0.0000e+00 - 1.0100e-00 - 1.010	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
19		1022 - va. 1023 - va. 1024 - va. 1025 - va. 1026 - va. 1027 - va. 1028 - va. 1029 - va.		Second S		10ms/step - 7ms/step -		0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
Property		.1045 - va1045 - va1047 - va1048 - va1041 - va1041 - va1042 - va1042 - va1042 - va1042 - va1044 - va1044 - va1045 - va1046 - va1046 - va1046 - va1047 - va1048 - va4464 - va3309 - va3314 - va3314 - va3414				10ms/step - 7ms/step -		0.0000e+00 - 0.000	acc: acc: acc: acc: acc: acc: acc: acc:	1.0000 - 1.0
Section Sect		March Marc						0.0000e+00 - 0.000		1.0000 - 1.0
STATE		March Marc				10ms/step - 10ms/s		0.0000e+00 - 0.000	- acc:	1.0000
100		1991 va.						0.0000e+00 0.0		1.0000 - 1.0
Fig.		March Marc		Second S				0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 <t< th=""><th>- acc:</th><th>1.0000 - 1.0</th></t<>	- acc:	1.0000 - 1.0
Fig.		2000 Val 3000 Val <th> </th> <th> </th> <th></th> <th></th> <th> loss: loss</th> <th>0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0004-00 0.0000e+00 0.0004-00 0.0000e+00 0.0004-00 0.0000e+00 0.0006-00 0.0000e+00 0.0006-00 0.0000e+00 0.0000e+00 0.0000e+00 0.0</th> <th></th> <th> 1.0000 </th>					loss: loss	0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0004-00 0.0000e+00 0.0004-00 0.0000e+00 0.0004-00 0.0000e+00 0.0006-00 0.0000e+00 0.0006-00 0.0000e+00 0.0000e+00 0.0000e+00 0.0		1.0000
The color		2000 Val 1,000 Val 1,000 <td> </td> <td> </td> <td></td> <td></td> <td> </td> <td>0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.000e+00 0.0000e+00 0.0000e+00 0.0000e+00 <td< td=""><td>- ACC: ACC:</td><td>1.0000 - 1.0</td></td<></td>						0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.0000e+00 0.000e+00 0.0000e+00 0.0000e+00 0.0000e+00 <td< td=""><td>- ACC: ACC:</td><td>1.0000 - 1.0</td></td<>	- ACC: ACC:	1.0000 - 1.0
100		2000 Val 1,000 Val 1,000 <td> </td> <td> </td> <td></td> <td></td> <td> </td> <td>0.00000000000000000000000000000000000</td> <td></td> <td> 1.0000 </td>						0.00000000000000000000000000000000000		1.0000
100		1.002 val 1.002 val 1.002 val 1.002 val 1.002 val 1.003 val 1.002 val 1.002 </td <td> </td> <td> </td> <td></td> <td></td> <td> </td> <td>0.00000000000000000000000000000000000</td> <td></td> <td>1.0000 - 1.0</td>						0.00000000000000000000000000000000000		1.0000 - 1.0

8/8 val Epocl	_loss: 1.25 h 14/30 [======= _loss: 1.26 h 15/30	 186 – val_	_acc: 0.9487	_	loss: 0.0000e+00 -	
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	[=====================================	751 - val_ 	_acc: 0.9487 	- 0s 8ms/step 0s 8ms/step -	loss: 6.6227e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	_loss: 1.18 h 20/30 [====================================	308 - val_ 331 - val_ 330 - val_	_acc: 0.9487] _acc: 0.9487] _acc: 0.9487	- 0s 5ms/step 0s 6ms/step -	loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 2.6491e-09 - loss: 6.6227e-10 -	acc: 1.0000 - acc: 1.0000 -
val_Epocl 8/8 _los: Epocl 8/8 loss Epocl 8/8 val_	loss: 1.07 n 23/30 [====================================	95 - val val_acc: val_acc:	_acc: 0.9487 	- 0s 10ms/step 0s 9ms/step -	loss: 0.4234 - acc	e: 0.9694 - val
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	[=====================================	339 - val_ 	_acc: 0.9487 _acc: 0.9487 _acc: 0.9487 _acc: 0.9487	- 0s 7ms/step 0s 8ms/step -	loss: 1.4172e-06 - loss: 1.2662e-06 - loss: 1.1268e-06 - loss: 1.0175e-06 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	n 30/30 [====================================	61 - val_ 661 - val_ 666 - val_ 674 - val_	acc: 0.9487 acc: 0.9487 acc: 0.9487 acc: 0.9487	- 0s 15ms/step 0s 7ms/step -	loss: 1.4821e-06 - loss: 7.2021e-07 - loss: 5.5266e-07 -	- acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	1 4/30 [====================================	66 - val_ 373 - val_ 661 - val_	_acc: 0.9487 	- 0s 7ms/step 0s 6ms/step -	loss: 3.4901e-07 - loss: 2.6226e-07 - loss: 2.5862e-07 -	acc: 1.0000 - acc: 1.0000 -
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	loss: 1.08 h 8/30 [========= loss: 1.09 h 9/30 [========= loss: 1.09 h 10/30 [====================================	991 - val 57 - val 57 - val	_acc: 0.9487 	- 0s 6ms/step 0s 8ms/step -	loss: 1.8246e-07 - loss: 2.1756e-07 - loss: 8.1791e-08 - loss: 5.6955e-08 -	acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 1.09 h 12/30 [====================================	007 - val_ .======= 025 - val_ .======= 097 - val_	_acc: 0.9487 	- 0s 8ms/step 0s 7ms/step -	loss: 3.9074e-08 - loss: 3.1789e-08 - loss: 2.3511e-08 - loss: 1.7550e-08 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	15/30 [====================================		acc: 0.9487 acc: 0.9487 acc: 0.9487 acc: 0.9487	- 0s 7ms/step 0s 6ms/step -	loss: 1.4901e-08 - loss: 9.9341e-09 - loss: 9.6030e-09 - loss: 4.3048e-09 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	n 19/30 [====================================	703 - val_ 703 - val_ 869 - val_ 841 - val_	_acc: 0.9487 	- 0s 7ms/step 0s 8ms/step -	loss: 2.3180e-09 - loss: 1.6557e-09 - loss: 9.9341e-10 -	acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	[=====================================	111 - val	_acc: 0.9487 _acc: 0.9487 _acc: 0.9487 _acc: 0.9487	- 0s 8ms/step 0s 5ms/step -	loss: 6.6227e-10 - loss: 9.9341e-10 - loss: 9.9341e-10 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	1 26/30 [====================================	24 - val_ 256 - val_ 282 - val_	acc: 0.9487 acc: 0.9487 acc: 0.9487 acc: 0.9487	- 0s 7ms/step 0s 9ms/step -	loss: 0.0000e+00 - loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 3.3114e-10 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	n 30/30 [====================================	061 - val_ 061 - val_ 025 - val_ 025 - val_	_acc: 0.9487 _acc: 0.9487 _acc: 0.9487 _acc: 0.9487	- 0s 12ms/step 0s 8ms/step -	loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 3.3114e-10 -	- acc: 1.0000 - acc: 1.0000 -
val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	loss: 0.97	700 - val_ .====================================	_acc: 0.9487	- 0s 6ms/step 0s 5ms/step 0s 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8	_loss: 0.96 h 8/30 [========= _loss: 0.99 h 9/30 [========= _loss: 0.99 h 10/30 [========	776 - val_ 	_acc: 0.9487 	- 0s 7ms/step 0s 7ms/step -	loss: 0.0000e+00 - loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 3.3114e-10 -	acc: 1.0000 - acc: 1.0000 -
8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Val_ Val_ 8/8	[=====================================	76 - val_ 76 - val_ 85 - val_	_acc: 0.9487 	- 0s 8ms/step 0s 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 1.01 h 16/30 [========= _loss: 1.01 h 17/30 [========= _loss: 1.01 h 18/30 [=========	31 - val 12 - val 00 - val_	_acc: 0.9487 	- 0s 9ms/step 0s 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	19/30 [====================================	067 - val_ 067 - val_ 060 - val_ 052 - val_	_acc: 0.9487] _acc: 0.9487] _acc: 0.9487	- 0s 7ms/step 0s 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	1 23/30 [====================================	26 - val_ 80 - val_	_acc: 0.9487 	- 0s 8ms/step 0s 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
val_Epocl 8/8 val_Epocl 8/8 loss Epocl 8/8 loss	_loss: 1.02 h 27/30 [====================================	266 - val_ 205 - val_ 205 - val_ 201_acc: 201_acc:	_acc: 0.9487 	- 0s 7ms/step 0s 6ms/step 0s 6ms/step -	loss: 0.0000e+00 - loss: 0.5799 - acc loss: 0.0249 - acc	acc: 1.0000 - : 0.9528 - val_ : 0.9889 - val_
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 0.78 h 1/30 [========= _loss: 0.77 h 2/30 [====================================	846 - val_ 81 - val_ 114 - val_	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 11ms/step 0s 6ms/step -	loss: 2.2360e-05 - loss: 1.4721e-05 - loss: 9.7724e-06 - loss: 6.6765e-06 -	- acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	[=====================================	503 - val	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 6ms/step 0s 7ms/step -	loss: 4.5156e-06 - loss: 3.2916e-06 - loss: 2.2108e-06 - loss: 1.1745e-06 -	acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 0.73 h 9/30 [======== _loss: 0.72 h 10/30 [======== _loss: 0.73 h 11/30 [========	008 - val_ 	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 6ms/step 0s 7ms/step -	loss: 7.9802e-07 - loss: 5.9968e-07 - loss: 4.3544e-07 - loss: 3.2418e-07 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl	n 12/30 [====================================	251 - val_ 251 - val_ 288 - val_ 204 - val_	acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231	- 0s 7ms/step 0s 7ms/step -	loss: 2.4007e-07 - loss: 1.8709e-07 - loss: 1.5795e-07 - loss: 1.4338e-07 -	acc: 1.0000 - acc: 1.0000 -
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 0.71 h 16/30 [====================================	68 - val_ 18 - val_ 69 - val_ 01 - val_	_acc: 0.9487	- 0s 8ms/step 0s 7ms/step 0s 9ms/step -	loss: 1.4338e-07 - loss: 6.8545e-08 - loss: 4.8677e-08 - loss: 3.5100e-08 - loss: 2.4835e-08 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl	[=====================================	054 - val_ 087 - val_ 072 - val_ 099 - val_	_acc: 0.9487	- 0s 8ms/step 0s 7ms/step 0s 7ms/step -	loss: 1.7550e-08 - loss: 1.1921e-08 - loss: 8.2784e-09 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ 8/8	1 23/30 [====================================	759 - val_ 759 - val_ 730 - val_ 703 - val_	acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231	- 0s 7ms/step 0s 7ms/step -	loss: 6.6227e-09 - loss: 3.6425e-09 - loss: 2.6491e-09 - loss: 2.3180e-09 -	acc: 1.0000 - acc: 1.0000 -
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 0.69 h 27/30 [====================================	004 - val_ ====================================	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 7ms/step 0s 8ms/step 0s 6ms/step -	loss: 9.9341e-10 - loss: 6.6227e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 0.67 h 1/30 [====================================	758 - val_ 682 - val_ 709 - val_ 647 - val_	_acc: 0.9231 	- 0s 14ms/step 0s 7ms/step 0s 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl	[=====================================	537 - val_ 584 - val_ 527 - val_ 529 - val_	_acc: 0.9487 _acc: 0.9487 _acc: 0.9487 _acc: 0.9487 _acc: 0.9487	- 0s 9ms/step 0s 7ms/step 0s 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8	8/30 ====================================	799 - val_ 343 - val_ 306 - val_		- 0s 8ms/step 0s 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	12/30 [====================================	059 - val_ 088 - val_ 088 - val_ 085 - val_	acc: 0.9487 acc: 0.9487 acc: 0.9487 acc: 0.9487 acc: 0.9487	- 0s 5ms/step 0s 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 -
val_Epocl 8/8 val_Epocl 8/8 val_Epocl 8/8 loss	loss: 0.72 16/30 [====================================	776 - val	_acc: 0.9487 	- 0s 7ms/step 0s 6ms/step 0s 7ms/step -	loss: 0.0000e+00 - loss: 3.3114e-10 - loss: 0.8451 - acc	acc: 1.0000 - acc: 1.0000 - : 0.9306 - val_
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 1.12 h 20/30 [====================================	284 - val_ 	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 6ms/step 0s 5ms/step -	loss: 3.0751e-04 - loss: 3.5825e-05 - loss: 1.7352e-05 - loss: 1.3253e-05 -	acc: 1.0000 - acc: 1.0000 -
8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	_loss: 1.09 h 24/30 [====================================	082 - val	_acc: 0.9231 _acc: 0.9231 _acc: 0.9231 _acc: 0.9231	- 0s 6ms/step 0s 7ms/step -	loss: 9.6177e-06 - loss: 6.6599e-06 - loss: 4.4357e-06 - loss: 3.0507e-06 -	acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8	n 27/30 [====================================		acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231 acc: 0.9231	- 0s 9ms/step 0s 9ms/step -	loss: 2.1251e-06 - loss: 1.4665e-06 - loss: 1.0361e-06 - loss: 6.6855e-07 -	acc: 1.0000 - acc: 1.0000 -
val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	loss: 1.03 1/30 [====================================	12 - val	acc: 0.9231	- 0s 12ms/step 0s 8ms/step 0s 8ms/step -	loss: 5.1624e-07 - loss: 3.8974e-07 - loss: 2.8676e-07 -	- acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
val_ Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8 val_	loss: 1.00	034 - val_ 	_acc: 0.9231 	- 0s 7ms/step -	loss: 1.8775e-07 - loss: 1.3974e-07 - loss: 1.0298e-07 -	acc: 1.0000 -
8/8					loss: 6.4903e-08 -	acc: 1.0000 -
Epocl 8/8 val_ Epocl 8/8 val_ Epocl 8/8	_loss: 0.96 h 10/30 [======== _loss: 0.95 h 11/30 [========	325 - val_ 	_acc: 0.9231 	- 0s 6ms/step 0s 6ms/step -	loss: 6.4903e-08 - loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 -	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 -
Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8 val Epocl 8/8	[=====================================	525 - val_ 512 - val_ 587 - val_ 534 - val_ 24 - val_ 593 - val_ 557 - val_	_acc: 0.9231	- 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 7ms/step 0s 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 -	acc: 1.0000 -
Epocles 8/8 value Epocles 8/8	[=====================================	25 - val_ 12 - val_ 12 - val_ 187 - val_ 24 - val_ 293 - val_ 295 - val_ 34 - val_ 255 - val_ 265 - val_ 27 - val_ 28 - val_ 29 - val_ 28 - val_ 28 - val_ 28 - val_		- 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 7ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 3.6425e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	24 - val_ 24 - val_ 34 - val_ 34 - val_ 34 - val_ 257 - val_ 295 - val_ 34 - val_ 355 - val_ 365 - val_ 375 - val_ 386 - val_ 387 - val_ 3888 - val_ 3888 - val_	acc: 0.9231	- Os 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 3.6425e-09 - loss: 1.6557e-09 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	25 - val_ 27 - val_ 287 - val_ 287 - val_ 288 - val_ 295 - val_ 295 - val_ 295 - val_ 295 - val_ 296 - val_ 296 - val_ 297 - val_ 298 - val_ 298 - val_ 298 - val_ 299 - val_ 290 - val_	acc: 0.9231	- Os 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	25 - val_ 12 - val_ 12 - val_ 13 - val_ 24 - val_ 25 - val_ 24 - val_ 25 - val_ 26 - val_ 27 - val_ 28 - val_	acc: 0.9231	- Os 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 3.3114e-10 - loss: 0.0000e+00 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	25 - val 27 - val 287 - val 287 - val 24 - val 293 - val 257 - val 255 - val 261 - val 27 - val 284 - val 284 - val 284 - val 285 - val 285 - val 286 - val 287 - val 288 - val 289 - val 299 - val	acc: 0.9231	- 0s 6ms/step 0s 7ms/step 0s 7ms/step 0s 7ms/step 0s 7ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 3.3114e-10 - loss: 0.0000e+00 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	25 - val 22 - val 24 - val 24 - val 25 - val 25 - val 34 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val	acc: 0.9231	- 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 7ms/step 0s 6ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 3.3114e-10 - loss: 0.0000e+00 -	acc: 1.0000 -
Epocle 8/8 val Epocle	[=====================================	225 - val 327 - val 328 - val 338 - val 339 - val 340 - val 3500 - val 3500 - val 3600 - val 3700 - val	acc: 0.9231	- 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 6ms/step 0s 7ms/step 0s 6ms/step 0s 7ms/step 0s 7ms/step 0s 7ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 3.6425e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 0.0000e+00 - loss: 0.6087 - acc loss: 4.9914e-05 - loss: 3.3114e-10 - loss: 3.4818e-06 - loss: 4.7435e-06 - loss: 3.4818e-06 - loss: 3.4818e-06 - loss: 3.4818e-06 - loss: 1.7022e-06 -	acc: 1.0000 -
Epocl 8/8 val	[=====================================	225 - val 327 - val 328 - val 334 - val 337 - val 339 - val 330 - val 331 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val	acc: 0.9231	- Os 6ms/step Os 6ms/step Os 6ms/step Os 6ms/step Os 7ms/step Os 6ms/step Os 7ms/step Os 6ms/step Os 7ms/step Os 7ms/step Os 7ms/step Os 6ms/step Os 7ms/step Os 6ms/step Os 7ms/step Os 6ms/step Os 6ms/step Os 7ms/step -	loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 0.0000e+00 - loss: 0.403e-06 - loss: 4.7435e-06 - loss: 4.7435e-06 - loss: 3.4818e-06 - loss: 2.6731e-06 -	acc: 1.0000 -
Epoci 8/8 val Ep	[= = = = = = = = = = = = = = = = = = =	25 - val 22 - val 28 - val 28 - val 28 - val 24 - val 29 - val 34 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val 39 - val 39 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 39 - val 39 - val 39 - val 39 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 39 - val 39 - val 39 - val 39 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 38 - val 39 - val 39 - val 39 - val 30 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 39 - val 39 - val 39 - val 30 - val 30 - val 31 - val	acc: 0.9231		loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 0.0000e+00 - loss: 0.6087 - acc loss: 0.6087 - acc loss: 4.7435e-06 - loss: 3.3114e-10 - loss: 2.6731e-06 - loss: 3.4818e-06 - loss: 2.6731e-06 - loss: 1.7022e-06 - loss: 1.7022e-06 - loss: 8.0396e-07 - loss: 3.7484e-07 -	acc: 1.0000 -
Epoci 8/8		34 - val 34 - val 35 - val 37 - val 36 - val 36 - val 37 - val 38 - val 38 - val 38 - val 39 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 34 - val 35 - val 37 - val 38 - val 39 - val 39 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 39 - val 39 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 38 - val 39 - val 39 - val 30 - val 30 - val 30 - val 30 - val 31 - val 31 - val 32 - val 33 - val 34 - val 35 - val 36 - val 37 - val 37 - val 38 - val 39 - val 39 - val 30 - val	acc: 0.9231		loss: 4.5035e-08 - loss: 3.4107e-08 - loss: 2.5829e-08 - loss: 1.7881e-08 - loss: 1.4239e-08 - loss: 9.2718e-09 - loss: 5.6293e-09 - loss: 1.6557e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 0.0000e+00 - loss: 0.1757 - acc loss: 0.1757 - acc loss: 1.0888e-05 - loss: 3.3114e-10 - loss: 0.1757 - acc loss: 1.0888e-05 - loss: 3.4818e-06 - loss: 3.4818e-06 - loss: 1.7022e-06 - loss: 1.7022e-06 - loss: 2.6731e-06 - loss: 3.7484e-07 - loss: 3.7484e-07 - loss: 2.8378e-07 - loss: 2.5762e-07 - loss: 2.5762e-07 -	acc: 1.0000 -
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[n [9]:	Epoch 25/30 8/8 [===================================	- val_acc:		Os 9ms/step - Os 8ms/step - Os 8ms/step - Os 5ms/step - Os 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
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	Epoch 4/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 9ms/step - Os 10ms/step - Os 8ms/step - Os 8ms/step -	loss: 2.5266e-07 loss: 1.7815e-07 - loss: 1.2418e-07 loss: 8.5433e-08 -	acc: 1.0000 - acc: 1.0000 acc: 1.0000
	val_loss: 1.3109 - Epoch 29/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 9ms/step - Os 6ms/step - Os 11ms/step - Os 7ms/step -	loss: 2.4463e-06 - loss: 1.7212e-06 - loss: 1.2603e-06 loss: 8.7187e-07 -	acc: 1.0000 acc: 1.0000 - acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.8974 ======] - : 0.8974 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 7ms/step - Os 6ms/step - Os 8ms/step - Os 9ms/step -	loss: 1.1450e-05 - loss: 8.2859e-06 - loss: 6.1476e-06 - loss: 4.5904e-06 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	_acc: 0.87	718 ======] - : 0.8974 ======] - : 0.8974 ======] - : 0.8974 ======] -	Os 9ms/step - Os 10ms/step - Os 7ms/step - Os 7ms/step -	loss: 8.5589e-04 loss: 7.0532e-05 - loss: 3.3655e-05 loss: 2.0275e-05 -	acc: 1.0000 - acc: 1.0000 acc: 1.0000
	val_loss: 0.7283 - Epoch 14/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9487 ======] - : 0.9231 ======] - :5128	Os 9ms/step - Os 10ms/step - Os 10ms/step - Os 11ms/step -	loss: 3.3114e-09 loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.6555 - ac	acc: 1.0000 - acc: 1.0000 - acc: 1.0000 c: 0.9472 - v
	val_loss: 0.7903 - Epoch 9/30 8/8 [===================================	- val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231	Os 7ms/step - Os 7ms/step - Os 7ms/step - Os 9ms/step - Os 10ms/step -	loss: 0.0000e+00 - loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 - acc: 1.0000
	Epoch 4/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	======] - : 0.9231 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 8ms/step - Os 8ms/step - Os 7ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 29/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 7ms/step - Os 13ms/step - Os 8ms/step - Os 9ms/step -	loss: 0.0000e+00 loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 - acc: 1.0000 acc: 1.0000
	Epoch 24/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 9ms/step - Os 8ms/step - Os 7ms/step - Os 9ms/step -	loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
		- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 : 0.9487 : 0.9487 : 0.9487 : 0.9487 : 0.9487	Os 9ms/step - Os 6ms/step - Os 6ms/step - Os 10ms/step -	loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 - acc: 1.0000
	=	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 	Os 8ms/step - Os 6ms/step - Os 7ms/step - Os 8ms/step -	loss: 2.3180e-09 - loss: 1.6557e-09 - loss: 1.3245e-09 - loss: 6.6227e-10 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	-	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487	Os 9ms/step - Os 7ms/step - Os 7ms/step - Os 8ms/step -	loss: 1.3245e-08 - loss: 9.9341e-09 - loss: 6.9539e-09 - loss: 4.9671e-09 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 4/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 10ms/step - Os 10ms/step - Os 9ms/step - Os 10ms/step -	loss: 3.3445e-08 - loss: 2.4173e-08	- acc: 1.0000 - acc: 1.0000 acc: 1.0000
	Epoch 29/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 7ms/step - Os 13ms/step - Os 6ms/step - Os 6ms/step -	loss: 3.6291e-07 loss: 2.6523e-07 loss: 7.4174e-08 - loss: 6.5896e-08 -	acc: 1.0000 - acc: 1.0000 acc: 1.0000
	Epoch 24/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 9ms/step - Os 9ms/step - Os 8ms/step - Os 7ms/step -	loss: 1.0535e-06 - loss: 9.2409e-07 - loss: 7.6551e-07 - loss: 6.2580e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 19/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 7ms/step - Os 9ms/step - Os 11ms/step - Os 10ms/step -	loss: 1.3245e-09 - loss: 1.1034 - acc - loss: 1.5733e-06 - loss: 1.3409e-06	acc: 1.0000 : 0.9528 - va - acc: 1.0000 - acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 10ms/step - Os 9ms/step - Os 9ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	- acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.8974 ======] - : 0.8974 ======] - : 0.8974 ======] -	Os 7ms/step - Os 7ms/step - Os 8ms/step - Os 9ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 7ms/step - Os 7ms/step - Os 8ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 6ms/step - Os 14ms/step - Os 8ms/step - Os 6ms/step -	loss: 4.6359e-09 loss: 3.3114e-09 - loss: 2.3180e-09 loss: 1.3245e-09 -	acc: 1.0000 - acc: 1.0000 acc: 1.0000
	val_loss: 1.0578 - Epoch 30/30	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	======] - : 0.9231 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 6ms/step - Os 8ms/step - Os 8ms/step - Os 6ms/step -	loss: 1.9206e-08 - loss: 9.9341e-09 - loss: 7.6161e-09 - loss: 5.6293e-09 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 20/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 7ms/step - Os 10ms/step - Os 10ms/step - Os 10ms/step -	loss: 9.4042e-08 loss: 8.5764e-08 - loss: 8.9738e-08 - loss: 3.7418e-08	acc: 1.0000 - acc: 1.0000 - acc: 1.0000
	8/8 [========	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 6ms/step - Os 8ms/step - Os 6ms/step - Os 7ms/step -	loss: 4.2517e-07 - loss: 3.2583e-07 - loss: 2.5067e-07 - loss: 1.9106e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	val_loss: 1.0252 - Epoch 11/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 7ms/step - Os 7ms/step - Os 7ms/step - Os 7ms/step -	loss: 1.4988e-06 - loss: 1.1995e-06 - loss: 9.4165e-07 - loss: 7.3209e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000
	val_loss: 0.8701 - Epoch 6/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - acc: 0.84	: 0.9231 ======] - : 0.9487 ======] - : 0.9231 ======] - 462 ======] -	Os 8ms/step - Os 8ms/step - Os 8ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 3.3114e-10 - loss: 0.9730 - acc loss: 0.0096 - acc	acc: 1.0000 acc: 1.0000 : 0.9528 - va : 0.9972 - va
	Epoch 6/30	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 6ms/step - Os 7ms/step - Os 8ms/step - Os 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 1/30 8/8 [========	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] -	Os 6ms/step - Os 6ms/step - Os 8ms/step - Os 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 8ms/step - Os 7ms/step - Os 8ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	val_loss: 1.0579 -	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 8ms/step - Os 9ms/step - Os 9ms/step - Os 8ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	val_loss: 1.1775 - Epoch 12/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 7ms/step - Os 7ms/step - Os 7ms/step - Os 7ms/step -	loss: 2.6491e-09 - loss: 2.6491e-09 - loss: 9.9341e-10 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 7/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 9ms/step - Os 9ms/step - Os 8ms/step - Os 7ms/step -	loss: 1.0928e-08 - loss: 4.9671e-09 - loss: 3.9736e-09 - loss: 3.3114e-09 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 2/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 6ms/step - Os 9ms/step - Os 7ms/step - Os 8ms/step -	loss: 6.3247e-08 - loss: 4.5035e-08 - loss: 3.0796e-08 - loss: 2.1524e-08 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
		- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 6ms/step - Os 6ms/step - Os 7ms/step - Os 13ms/step -	loss: 4.0861e-07 - loss: 2.8146e-07 - loss: 1.9802e-07 loss: 1.3510e-07	acc: 1.0000 acc: 1.0000 - acc: 1.0000
	Epoch 22/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 7ms/step - Os 7ms/step - Os 7ms/step - Os 6ms/step -	loss: 2.2509e-06 - loss: 1.7137e-06 - loss: 1.1797e-06 - loss: 8.4996e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 17/30 8/8 [===================================	acc: 0.89		Os 7ms/step - Os 8ms/step - Os 9ms/step - Os 9ms/step -	loss: 5.1070e-06 - loss: 4.6159e-06 - loss: 4.0746e-06 - loss: 3.5276e-06 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 12/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 5ms/step - Os 5ms/step - Os 7ms/step - Os 6ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.3143 - acc	acc: 1.0000 acc: 1.0000 cc: 1.0000
	=	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 6ms/step - Os 6ms/step - Os 8ms/step - Os 6ms/step -	loss: 3.3114e-10 - loss: 3.3114e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 2/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 6ms/step - Os 7ms/step - Os 8ms/step - Os 6ms/step -	loss: 6.6227e-10 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 27/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 9ms/step - Os 7ms/step - Os 7ms/step - Os 14ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 - acc: 1.0000
	val_loss: 1.1219 - Epoch 22/30 8/8 [===================================	- val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] - : 0.9231	Os 6ms/step - Os 7ms/step - Os 7ms/step - Os 7ms/step - Os 6ms/step -	loss: 4.6359e-09 - loss: 3.9736e-09 - loss: 1.9868e-09 - loss: 9.9341e-10 - loss: 1.3245e-09 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 17/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 8ms/step - Os 7ms/step - Os 7ms/step - Os 6ms/step -	loss: 1.8544e-08 - loss: 1.3245e-08 - loss: 8.9407e-09 - loss: 6.6227e-09 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 12/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 9ms/step - Os 9ms/step - Os 8ms/step - Os 9ms/step -	loss: 7.5830e-08 - loss: 5.7949e-08 - loss: 4.3710e-08 - loss: 3.3445e-08 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.8974 ======] - : 0.8974 ======] - : 0.8974 ======] - : 0.8974	Os 7ms/step - Os 6ms/step - Os 8ms/step - Os 6ms/step -	loss: 2.2506e-06 - loss: 2.9173e-07 - loss: 1.8444e-07 - loss: 7.0327e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	Epoch 3/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 5ms/step - Os 5ms/step - Os 6ms/step -	loss: 1.1056e-06 - loss: 9.1421e-07 - loss: 7.6058e-07 -	acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.8974 	Os 7ms/step - Os 7ms/step - Os 12ms/step -	loss: 1.7574e-06 - loss: 1.6555e-06 - loss: 1.5485e-06	acc: 1.0000 acc: 1.0000 - acc: 1.0000
	val_loss: 0.8126 - Epoch 24/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9487 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.8974	Os 6ms/step - Os 6ms/step - Os 7ms/step - Os 6ms/step -	loss: 3.3114e-10 - loss: 3.3114e-09 - loss: 0.8504 - acc loss: 3.4028e-04 -	acc: 1.0000 acc: 1.0000 : 0.9389 - va acc: 1.0000
	val_loss: 0.8175 - Epoch 19/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc: - val_acc:	: 0.9231 ======] - : 0.9487 ======] - : 0.9487 ======] - : 0.9231	Os 7ms/step - Os 8ms/step - Os 8ms/step - Os 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000 acc: 1.0000
	val_loss: 0.8239 - Epoch 14/30 8/8 [===================================	- val_acc: - val_acc: - val_acc: - val_acc: - val_acc:		Os 7ms/step - Os 8ms/step - Os 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000
	8/8 [===================================	- val_acc:	: 0.9231 ======] - : 0.9231 ======] - : 0.9231 ======] -	Os 8ms/step - Os 6ms/step - Os 7ms/step -	loss: 0.0000e+00 - loss: 0.0000e+00 - loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000 acc: 1.0000
	=	- val_acc:		Os 9ms/step -		
	Epoch 5/30 8/8 [===================================	- val_acc: - val_acc:	: 0.9231 	Os 8ms/step -	loss: 0.0000e+00 -	acc: 1.0000 acc: 1.0000



