

Pseudo 3D CNN

①

⑥ Pseudo 3D CNN

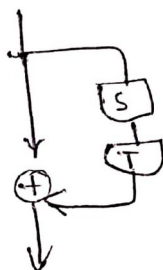
Residual units:
$$\underline{x_{t+1}} = h(x_t) + f(x_t)$$

↑ identity map
→ input of t
↓ output of t th blocks.

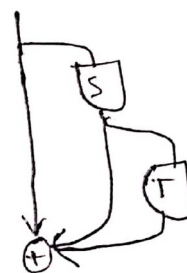
P3D Block design: $S \rightarrow$ 2D spatial filter

$T \rightarrow$ 1d temporal filter.

1) P3D-A



⑫ P3D-C



⑬ P3D-B

