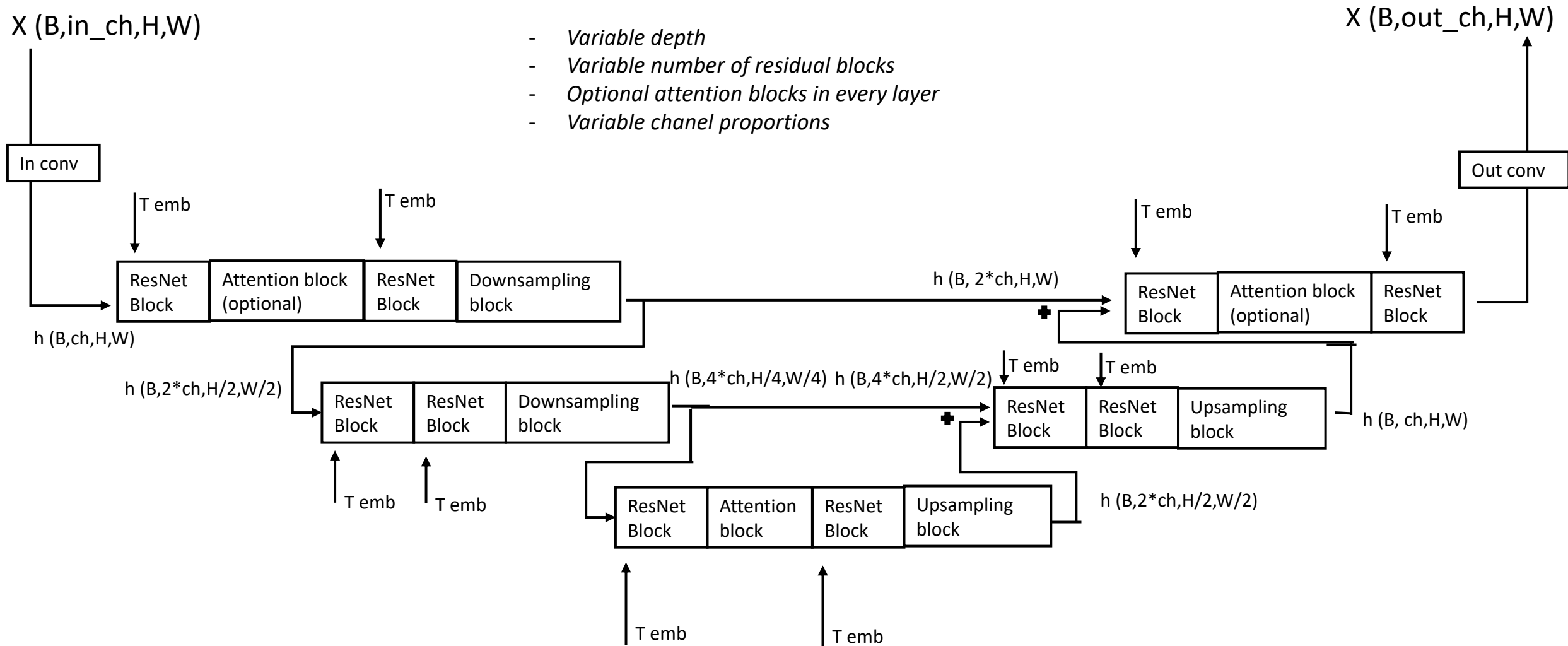
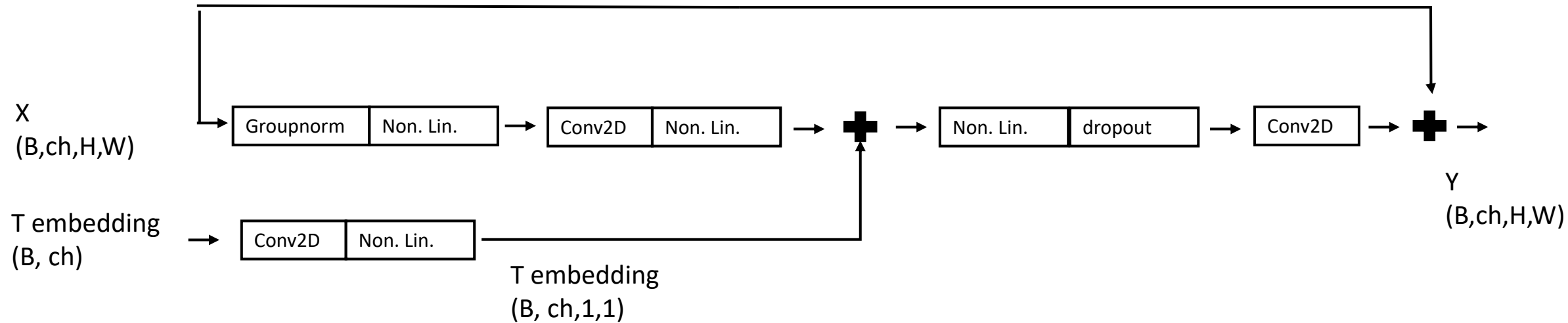


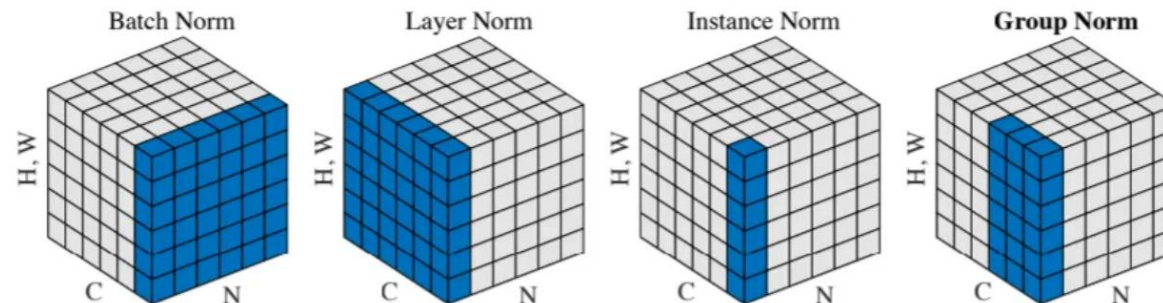
Model overview



ResNET block overview

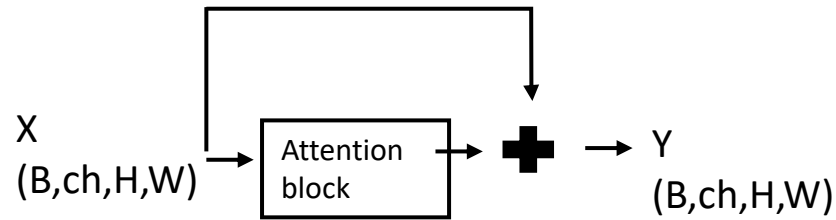


Group norm:
<https://medium.com/@zljdanceholic/groupnorm-then-batchnorm-instancenorm-layernorm-e2b2a1d350a0>



Attention block overview

- Has residual connection
- Attention is performed on each image separately
- Attention is performed between image pixels



Input image: 3 channels, RGB

Pixel1	Pixel2
Pixel3	Pixel4

Attention matrix:

Q_"pixel"_1

Q_"pixel"_2

Q_"pixel"_3

Q_"pixel"_4

$K_\"pixel\"_1$
 $K_\"pixel\"_2$
 $K_\"pixel\"_3$
 $K_\"pixel\"_4$

	Influence of pixel 2 on pixel 1		