Agenda Resnet Thous [ nainay Practicals JE ASTAPI AW8 ~ GCP (hannel Reduction MaxP Operation  $(1 \times 1)$ apply meduction

124 1x1 1024 1x1 512 1x1 1024 1x1 512 1x1 1024 1x1 1024

Manipulation of July 1 Output (x1,64)

Tabut (onv3

(x1) y most (x1)

Tabut 32

30×30×1074 Input -> higher chamuls 34 X 34 X 128 1×1 64 34 x 34 x 6 4 32 X 32 X 128 +(m weight layer  $\mathbf{x}$ identity  $\mathcal{F}(\mathbf{x}) + \mathbf{x} \quad \bigoplus_{\mathbf{x}} \mathbf{x}$ Figure 2. Residual learning: a building block. Taput

Beford conv (3,3)

1st Demasl

2nd Turund

48 x 48 x 256 1x 1 x 64 48 x 48 x 64 (m x n x d)

Paramters