

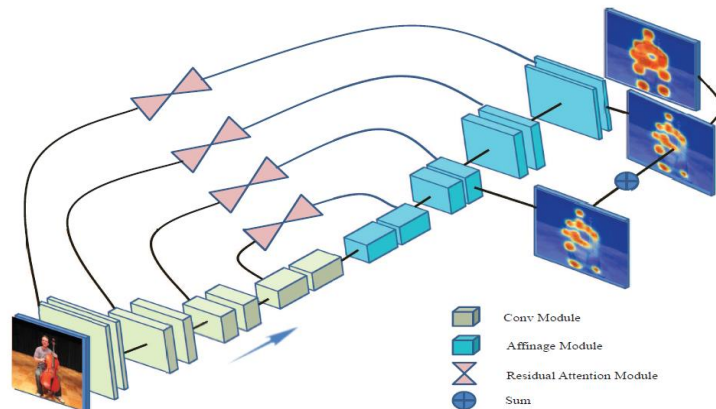
Multipath affinage stacked—
hourglass networks for human pose
estimation

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Problems & Ideas

- Problems of Stacked hourglass network for human pose estimation
 - Repeated bottom-up and top-down stride convolution operations in deep convolutional neural networks lead to a significant decrease in the initial image resolution
- Ideas: Affinage module and Residual attention module
 - Affinage module can refine low-resolution features to get high-resolution feature maps.
 - Residual attention module can efficiently mix attention locations and features of the front layers to supervise the up-sample process.



- **The whole framework of our network**

Main Contributions

- Qualitative results on the LSP



- Qualitative results on the MPII

