

Peer Review

Review of: "Partial Convolution Meets Visual Attention"

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This work shows a kind of new neural network structures having attention mechanisms for images. Instead of other well-known structures like depthwise or others, the suggested structures try to reduce computational complexity while maintaining accuracy performance, by making each processing in parallel, using only the mean value for channel attention, and using only one channel of data for spatial attention. And, it can be a good contributor, like the idea of having the last layer (PAT_sf) considerably designed for tradeoff, because it extends the effective receptive field as well as reduces computations. However, the irregular structure can make it hard to maintain effective hardware utilization, although it looks like it reduces the total amount of computations. It should show the speed number instead of just the FLOPS number.

It seems to be a good job and can be agreed to be accepted.

Declarations

Potential competing interests: No potential competing interests to declare.