



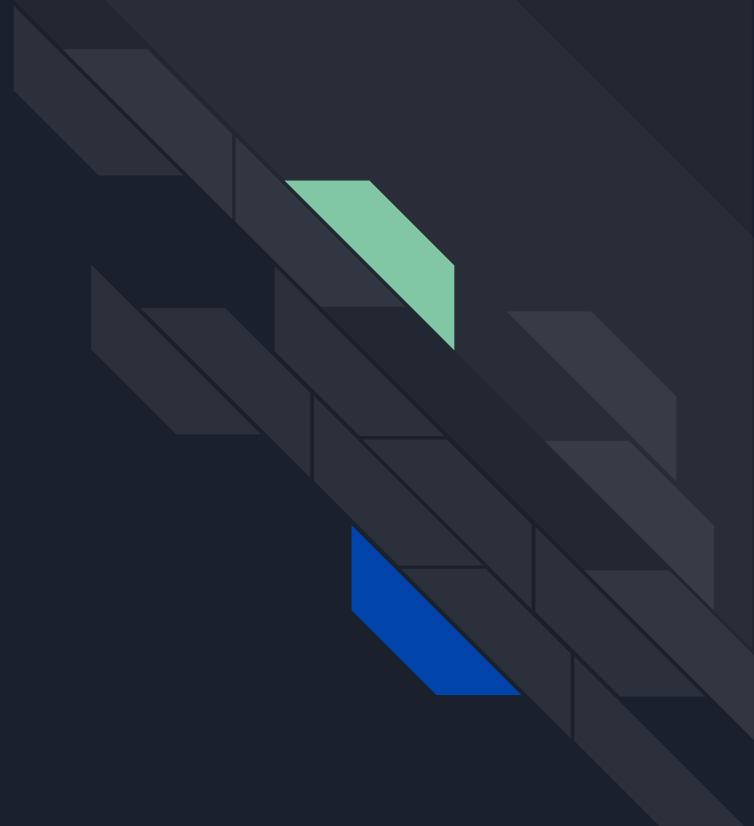
# Dual attention

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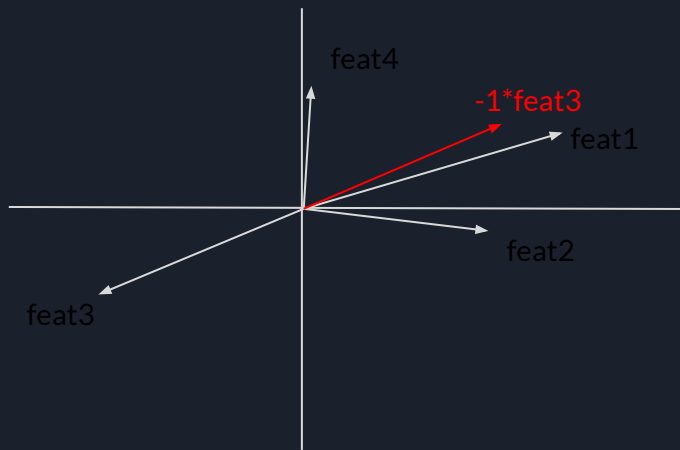




# Concepts

In attention, for checking similarity, dot product and softmax is used.  
new feature is made by weighted sum of previous feature.  
how about using - value of dot product ?

# Concepts



proposed( in case of feat1)  
dot product  
multiply by -1 if value is minus (added)  
softmax  
get new feat by weighted sum



# results

using imagenet dataset and swin transformer,  
performance is less than standard (2 %)

it seemed to be hard to study from opposite.  
further checking or tuning