Layer	CNN	DCFNet
1	conv $3 \times 3 \times 3 \times 64$	3 3×3 basis conv $1 \times 1 \times 9 \times 64$
2	ReLu	
3	conv $3 \times 3 \times 64 \times 64$	3 3×3 basis conv $1 \times 1 \times 192 \times 64$
4-5	ReLu, maxPool 2×2	
6	conv $3 \times 3 \times 64 \times 128$	3 3×3 basis conv $1 \times 1 \times 192 \times 128$
7	ReLu	
8	conv $3 \times 3 \times 128 \times 128$	3 3×3 basis conv $1 \times 1 \times 384 \times 128$
9-10	ReLu, maxPool 2×2	
(1-31 CNN layers are identical to *vgg-face* model in .)		
32	conv $5 \times 5 \times 512 \times 512$	8 5×5 basis conv $1 \times 1 \times 4096 \times 512$
33-34	ReLu, dropout	
35	conv $3 \times 3 \times 512 \times 512$	3 3×3 basis conv $1 \times 1 \times 1536 \times 512$
36-39	ReLu, dropout, FC, softmax	