

| Symbol/Abbrev. | Description |
|---------------------|--|
| $\lambda_{cy,A}$ | weight for the cycle consistency loss between an original image from domain A and its reconstruction. |
| $\lambda_{cy,B}$ | weight for the cycle consistency loss between an original image from domain B and its reconstruction. |
| $\lambda_{p,afb}$ | weight for the perceptual loss between an original image from domain A and its transformed fake image |
| $\lambda_{p,bfa}$ | weight for the perceptual loss between an original image from domain B and its transformed fake image |
| $\lambda_{p,farb}$ | weight for the perceptual loss between a transformed fake image in domain B and the reconstructed image |
| $\lambda_{p,fbra}$ | weight for the perceptual loss between a transformed fake image in domain A and the reconstructed image |
| $\lambda_{ep,afb}$ | weight for the edge preservation loss between an original image from domain A and its transformed fake image |
| $\lambda_{ep,bfa}$ | weight for the edge preservation loss between an original image from domain B and its transformed fake image |
| $\lambda_{ep,farb}$ | weight for the edge preservation loss between a transformed fake image in domain B and the reconstructed image |
| $\lambda_{ep,farb}$ | weight for the edge preservation loss between a transformed fake image in domain A and the reconstructed image |
| $\lambda_{ei,afb}$ | weight for the edge introduction loss between an original image from domain A and its transformed fake image |
| $\lambda_{ei,bfa}$ | weight for the edge introduction loss between an original image from domain B and its transformed fake image |
| $\lambda_{ei,farb}$ | weight for the edge introduction loss between a transformed fake image in domain B and the reconstructed image |
| $\lambda_{ei,fbra}$ | weight for the edge introduction loss between a transformed fake image in domain A and the reconstructed image |
| Load size | input images are scaled to this size |
| Crop size | the size of the random crop taken out of the resized image during training |
| N_{iter} | Number of iterations at start learning rate |
| $N_{iter,decay}$ | Number of iterations to linearly decay learning rate to zero |
| Lr | Initial learning rate for adam |
| β_1 | Momentum term of adam |
| Pool size | The size of image buffer that stores previously generated images for the discriminator |