Fig. 3. Visual figures of flat areas of different methods from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (23.47/0.8425), (c) LESRCNN (23.63/0.8443) and (d) ACNet (Ours) (23.96/0.8529).
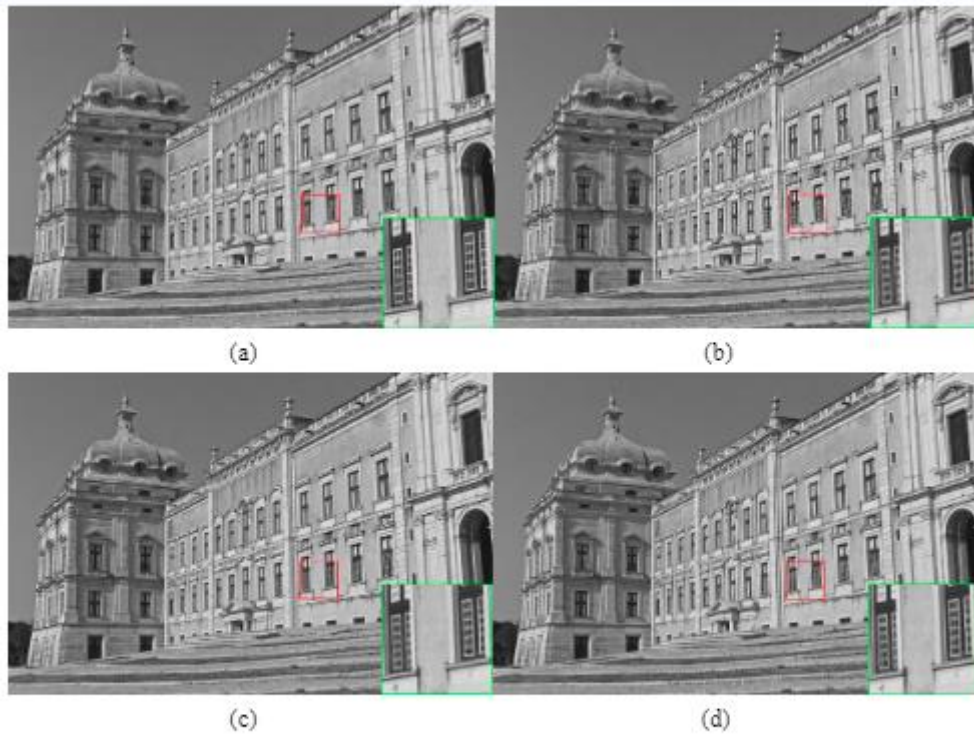

Fig. 4. Visual figures of flat areas of different methods on the Y channels from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (24.97/0.8513), (c) LESRCNN (25.13/0.8538) and (d) ACNet (25.46/0.8623).
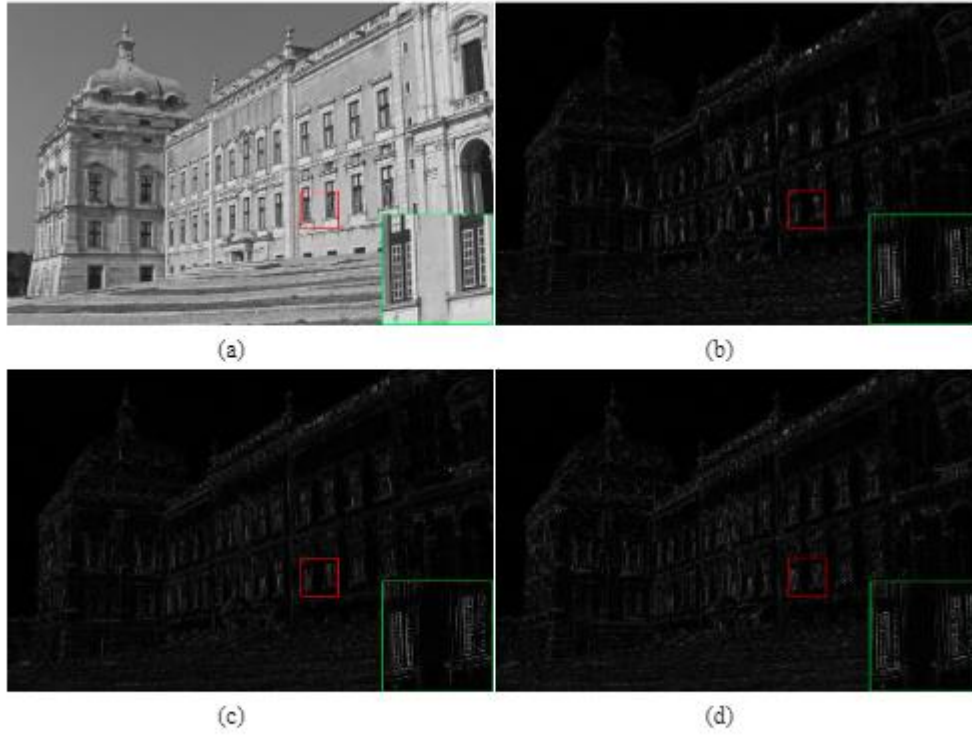
Fig. 5. Visual figures of flat areas of different methods on the error images from U100 for ×2: (a) HR image, (b) CARN-M, (c) LESRCNN and (d) ACNet.
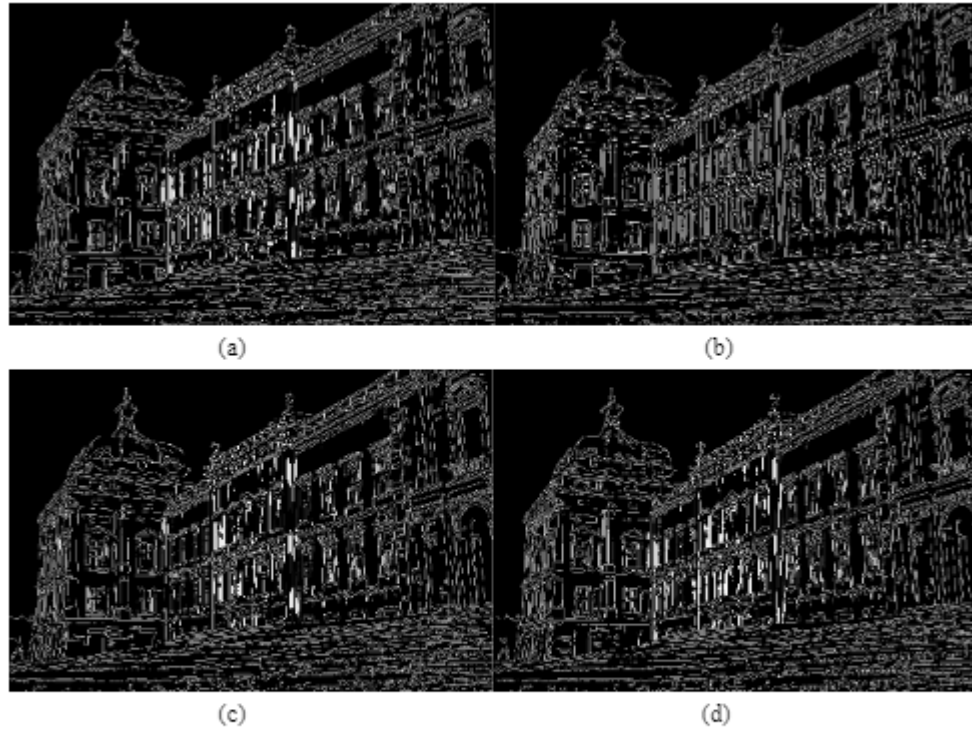

Fig. 6. Visual figures of flat areas of different methods on the edge images from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (63.92/0.9993), (c) LESRCNN (61.11/0.9994) and (d) ACNet (64.39/0.9994).
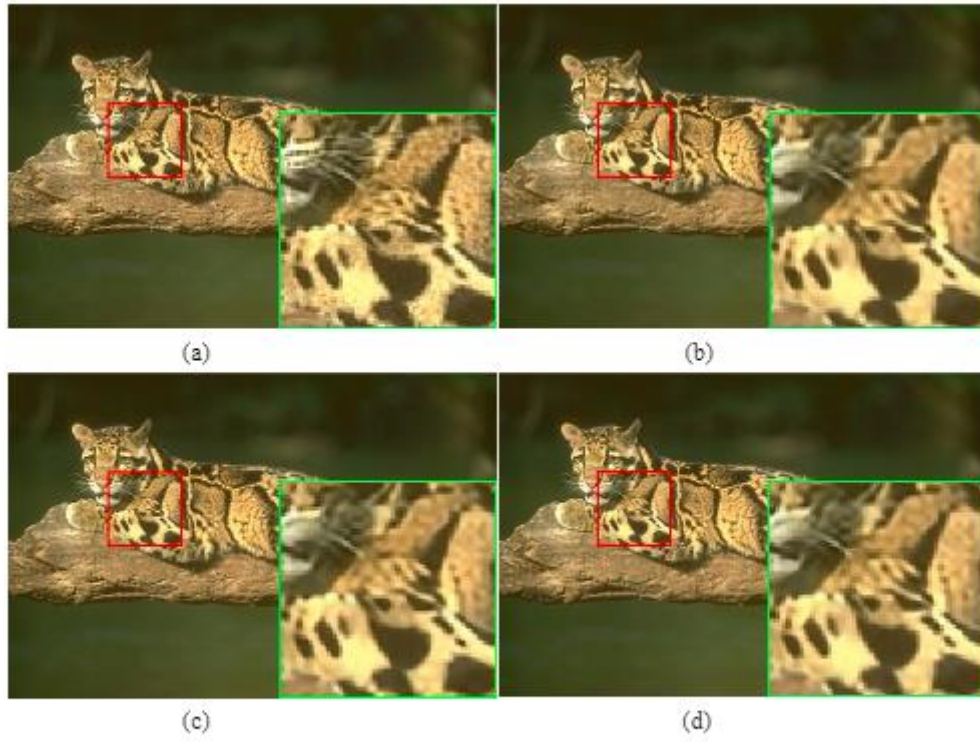
Fig. 7. Visual figures of texture areas of different methods on the figures from B100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (30.43/0.9356), (c) LESRCNN (30.53/0.9357) and (d) ACNet (30.58/0.9367).
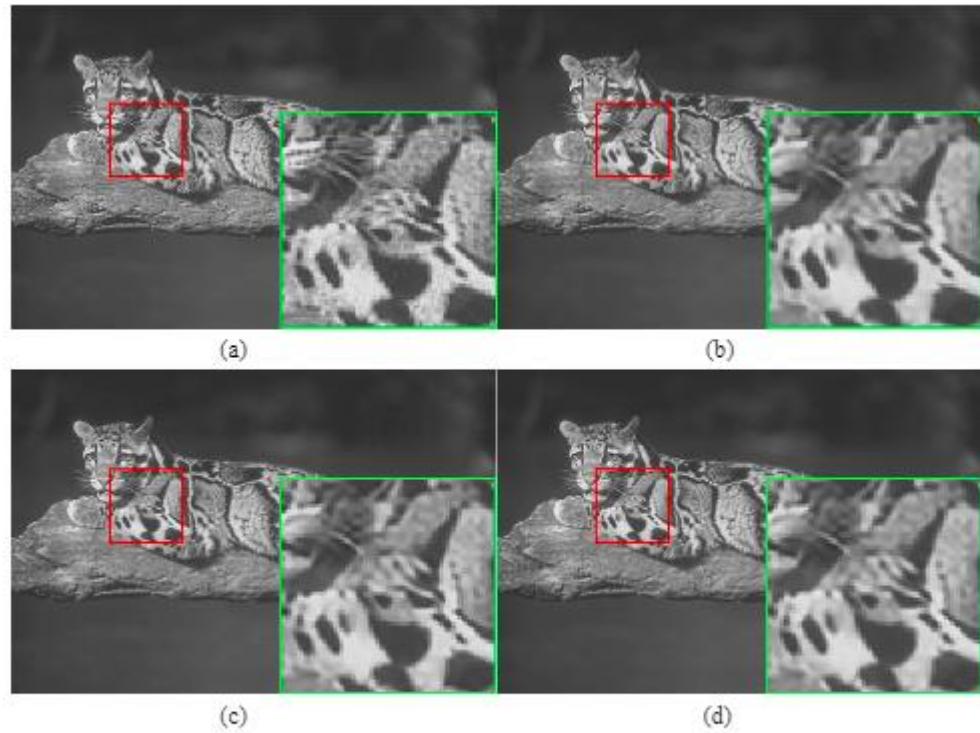

Fig. 8. Visual figures of texture areas of different methods on the Y channels from B100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (31.77/0.9408), (c) LESRCNN (31.79/0.9399) and (d) ACNet (31.85/0.9408).
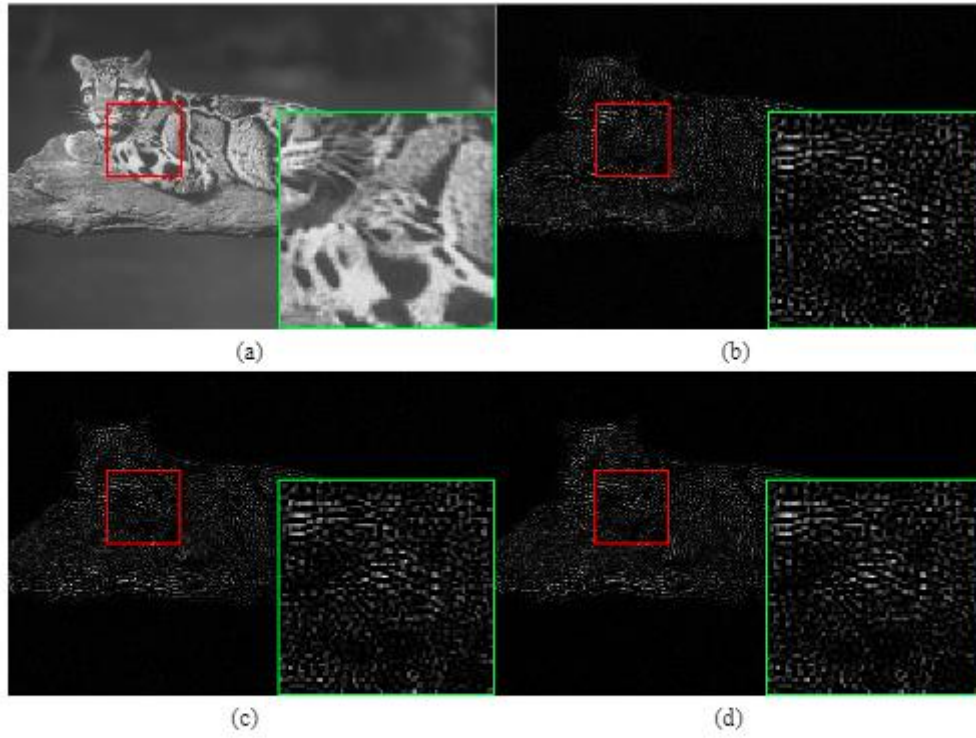
Fig. 9. Visual figures of texture areas of different methods on the error images from B100 for ×2: (a) HR image, (b) CARN-M, (c) LESRCNN and (d) ACNet.
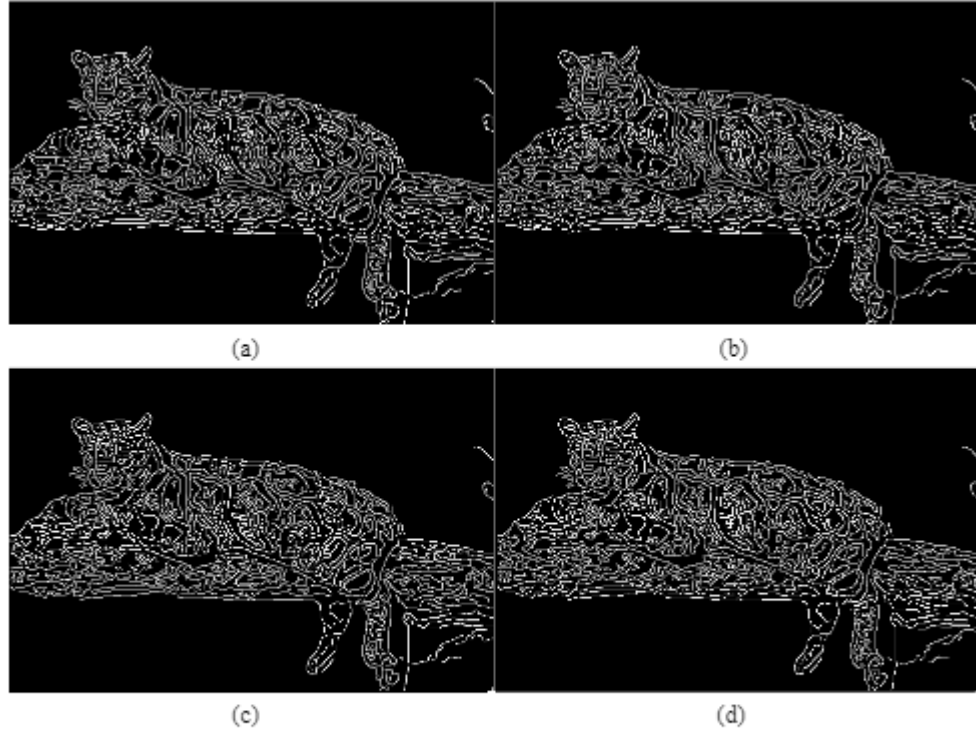

Fig. 10. Visual figures of texture areas of different methods on the edge images from B100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (65.14/0.9995), (c) LESRCNN (65.15/0.9995) and (d) ACNet (65.26/0.9996).
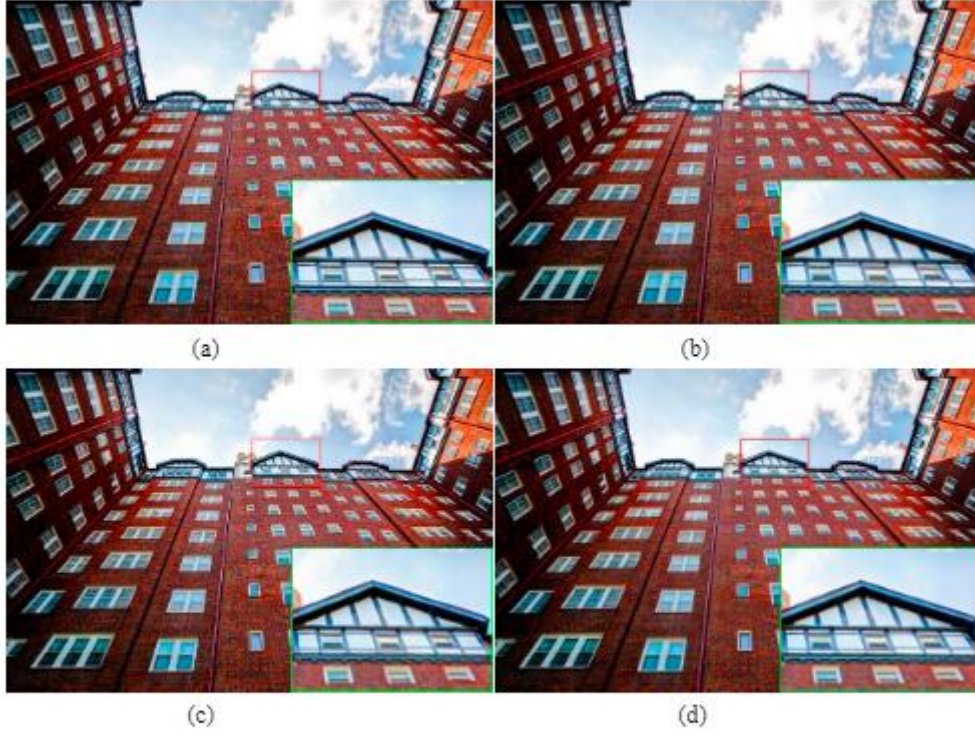
Fig. 11. Visual figures of fine details areas of different methods on the figures from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (24.66/0.8057), (c) LESRCNN (24.74/0.8077) and (d) ACNet (24.91/0.8129).
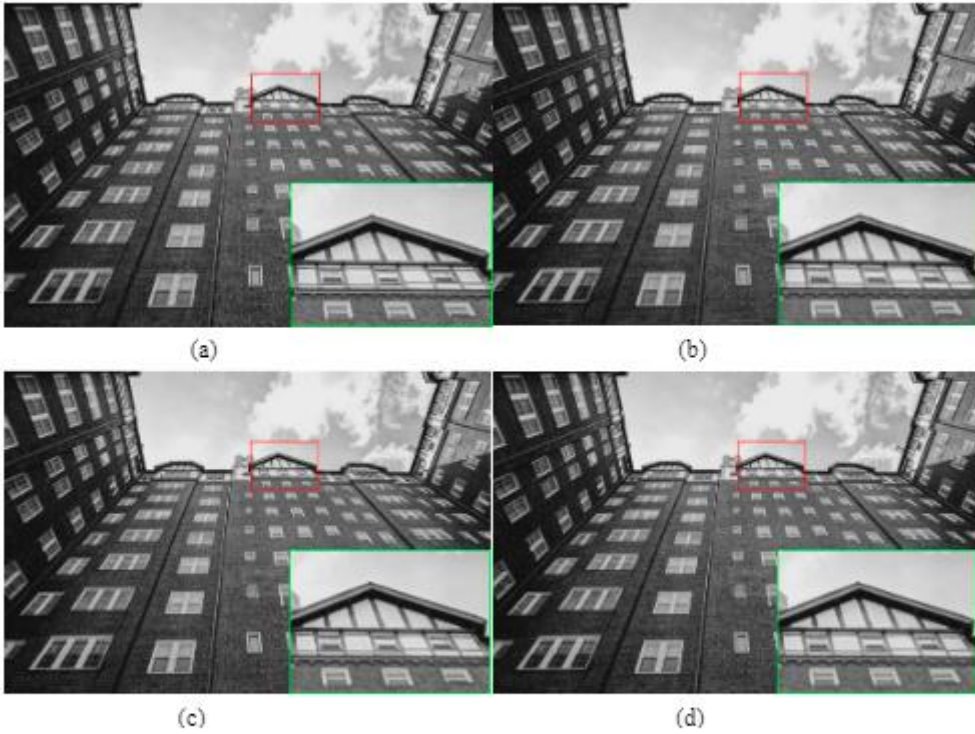

Fig. 12. Visual figures of fine details areas from different methods on the Y channels from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (26.42/0.8025), (c) LESRCNN (26.50/0.8020) and (d) ACNet (26.69/0.8070).
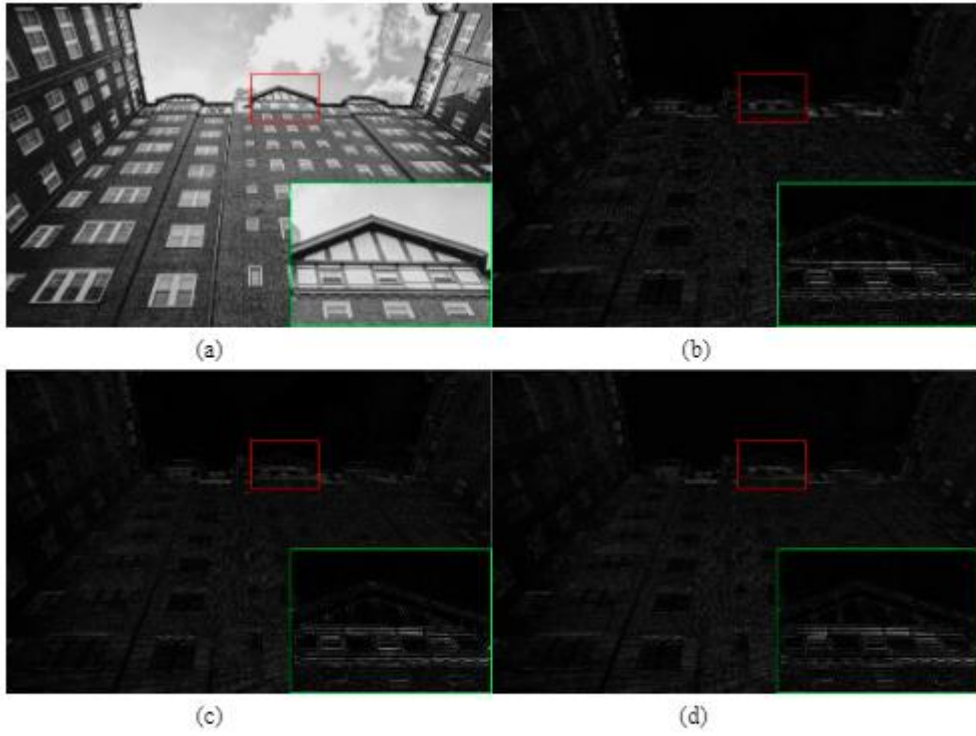
Fig. 13. Visual figures of fine details areas of different methods on the error images from U100 for ×2: (a) HR image, (b) CARN-M, (c) LESRCNN and (d) ACNet.
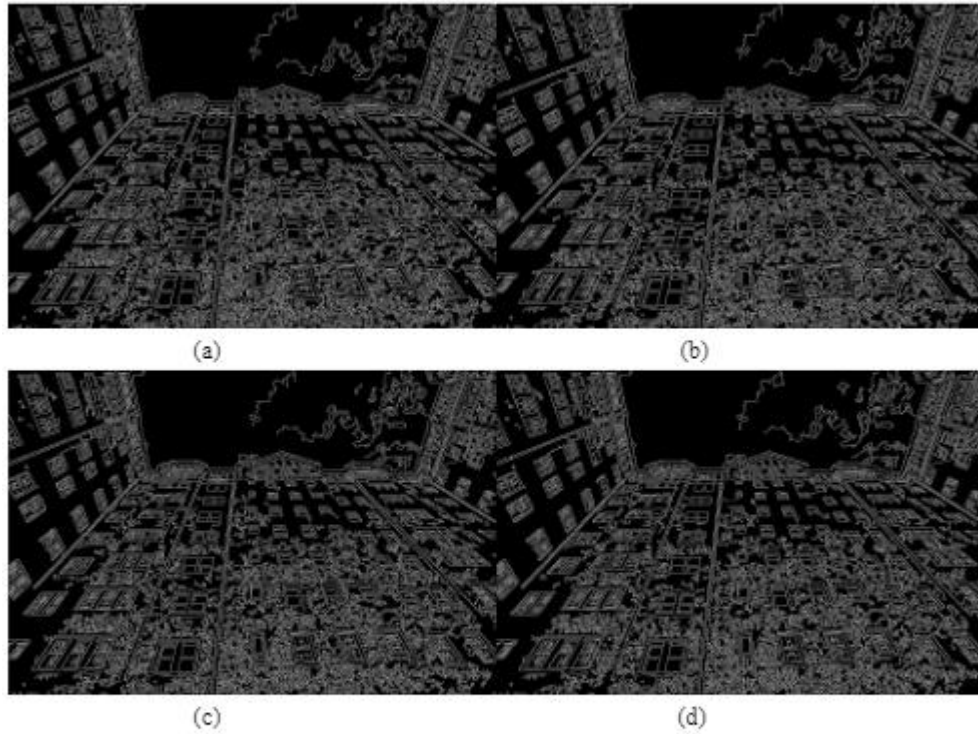

Fig. 14. Visual figures of fine details areas of different methods on the edge images from U100 for ×2: (a) HR image (PSNR/SSIM), (b) CARN-M (61.63/0.9986), (c) LESRCNN (61.65/0.9987) and (d) ACNet (61.74/0.9987).