implement in VLSI. The sobel filter solved the blurring and aliasing artifacts caused by bilinear interpolation. The adaptive edge enhanced technique is effectively enhanced the edge features of scaled images. An algebraic manipulation and hardware sharing technique in this design greatly reduces the computing resources costs. Comparing results of the proposed method will improve the image quality.

5. Future Scope

Future research in the Image scaling technique is widely used in the field of digital image processing. In common applications, such as medical image processing, image zooming, computer graphic, online videos and etc, image scaling plays a more and more important role. Nowadays, the image scalar is widely adopted in electric devices such as portable healthcare device, electronic measurement equipment, digital apparatus, digital camera, digital photo frame, mobile phone, touch panel computers, and etc. It has become a significant trend to design a low-cost, high quality, and high performance image scalar by VLSI technique.

Also we can take result of Image Scaled by other methods and algorithms which can be then compared with Image Scaling by VLSI Technique. Which will help you compare the Image scaling of both methods and Techniques.

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