

## **CHAPTER 6 CONCLUSION AND FUTURE WORK**

### **6.1 Conclusion**

In this thesis, we have presented a new watermark retrieval method for the image watermarking based on the modification of image pixels. In summary, our proposed method adaptively removes one or more surrounding pixel(s) around the predicted pixel, depending on a given threshold in order to maximize the watermark retrieval performance. The efficiency of our method was demonstrated by the experimental results. That is, the improved performance in term of NC was achieved by using our retrieval method, compared to the previous method in [8].

### **6.2 Future Work**

The concept of adaptation was used in the retrieval process. In the future work, this concept will be used in the embedding process.